


The
CHEMIST AND DRUGGIST
RETAILER - WHOLESALE - MANUFACTURER
OCTOBER 30, 1948



**GREEFF CHEMICALS COVER
THE NEEDS OF
ALL INDUSTRIES**

R. W. GREEFF & CO. LTD.
12, FINSBURY CIRCUS, LONDON, E.C.2

TRADE
MARK

'PLANACRINE' brand

antiseptic lozenges

for curative and prophylactic use

'Planacrine' lozenges are free from any irritating effect on mucous membranes and possess bactericidal properties which are maintained in the presence of body fluids.

In **tonsillitis**, **nasopharyngitis**, **gingivitis** and **stomatitis**, they combat the infection and relieve pain

Supplies : Pocket containers of 40
(each containing 3 mgm. euflavine)



manufactured by

MAY & BAKER LTD

distributors

PHARMACEUTICAL SPECIALITIES (MAY & BAKER) LTD., DAGENHAM

Aneurin Borealis

Far to the North—over the rim and hidden from view—great things happen. We only see wonderful lights in the sky.

Two kinds of men witness it. One says, "Isn't it marvellous" and goes home to bed. The other does some hard thinking.

There's a good deal of aurora about N.H.S. Most chemists feel, quite rightly, that pharmacy has at last come into its own. It's a good thing that dispensing should loom large in a pharmacy. It's good for the pharmacist to be able to make, in full measure, the indispensable contribution to the community for which his training and hard won qualifications fit him.

But don't let's lose our sense of proportion. Rent and rates, and all the rest of expenses, also loom large. When the Profit & Loss account arrives we get a shock at the staggering overheads business must pay *before* it earns. The second shock comes when we're told of the Crown's crippling share.

The contribution toilets and proprietaries make is significant. No pharmacist could afford to serve the community solely as a dispenser. Counter sales do much to keep the floors open. 30% to 50% on an average sale of 4/- for half a minute's hand out (against advertising for which somebody else pays) is nice going when an assistant does it for you for seven hours a day.

It makes banks and balance sheets a lot easier to live with.

Script turnover has been high, but is now settling. There's more sanity in surgeries. They are not now so full of patients who are sitting there merely because they've had to pay 4/11 a week. And doctors are being restrained from prescribing the proverbial bath chair for nothing. They are also realising they only worsen their task if they make it unduly profitable for hypochondriacs to come again and again.

How long will it take for the masses to hold the balance fairly between doctors and darts? Greater leisure has been fought for—struck for and voted for in the last three years. How long will this strongest of all desires take to make a man with some minor ailment, prefer to pay a shilling or two for an advertised proprietary (which after all, does the job) rather than give up a couple of leisure hours to sit in a surgery?

Let us remember, too, 1911 when it was thought that the 'panel' would kill proprietaries. Did it?

These things need careful evaluation. We, who now distribute more than half a score of nationally known proprietaries, have observed noticeable buoyancy in sales in the last few weeks—particularly from the large chain pharmacies. They certainly do their full share of scripts. They see to it also, that they get all that's going in the proprietary field.

Announcement by WALTER CROWE LTD., DISTRIBUTORS, 3/4 LITTLE RUSSELL ST., LONDON, W.C.1

NUZORA

TRADE MARK

*hair
dressing*

*will be your
Best Seller
BECAUSE -*



NUZORA
TRADE MARK
*Keeps your hair
in good order*

1. THE FORMULA IS RIGHT!

NUZORA is the triumphant result of extensive research to find the ideal hair dressing. NUZORA contains NO gum or starch, is clean to use, imparts pleasant gloss, is easy on hats and pillows, economical in use and tones up the scalp.

2. THE PRICE IS RIGHT!

NUZORA, retailing at 2/1d., provides a luxury hair dressing at a popular price.

3. THE ADVERTISING IS RIGHT!

NUZORA is being supported with a striking, nation-wide advertising campaign. Attractive showcards are available for prominent display in your window and on your counter. After the first sale NUZORA will sell itself.

A product of the
ANZORA PERFUMERY CO., LTD.

CROOKES counter lines



CROOKES COD LIVER OIL EMULSION

Retails @ 3/- per 8-oz.
bottle. Exempt P. Tax.

BONUS

1 bottle to the dozen
on minimum of 3
dozen. (Ask for show-
card E.2)

On Bonus Terms

In addition to Crookes Hali-
but Oil and Vitamin Quota
the five popular winter
counter lines shown here are
available on Bonus Terms
until March. Order early!

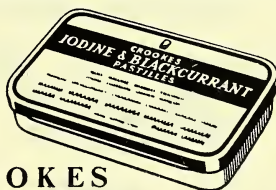


CROOKES SCALP LOTION (Plain or Oily)

Retails @ 3/1 per 6-oz.
bottle incl. P. Tax.

BONUS

1 bottle to the dozen
on minimum of 3
dozen. May be taken
in mixed dozens. (Ask
for showcard S.L.2)



CROOKES IODINE AND BLACKCURRANT PASTILLES

Box retails @ 1/11
including P. Tax.

BONUS

1 box per dozen on
minimum of 3 dozen.



CROOKES IODINE OIL

Retails @ 1/10 per 1-oz.
bottle including P. Tax.

BONUS

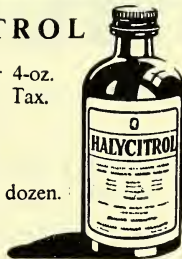
1 bottle to the dozen on
minimum of 3 dozen.

HALYCITROL

Retails @ 2/4 per 4-oz.
bottle. Exempt P. Tax.

BONUS

1 bottle on each dozen.





50 years ago -

this advertisement for Towle's Chlorodyne appeared in the first number of the Manchester Evening Chronicle. Even at that date, Towle's had established itself as a well-tried and popular remedy,

and to-day -

TOWLE'S CHLORODYNE

remains ever popular with the Pharmacist and his customers

Ample supplies are available

RETAIL } $1/5\frac{1}{2}$ and $3/5\frac{1}{2}$
PRICES } Including Purchase Tax

TRADE } 10/- and 24/6 dozen
PRICES } Plus 33 $\frac{1}{3}$ % Purchase Tax

Order through your usual Wholesaler or direct from :

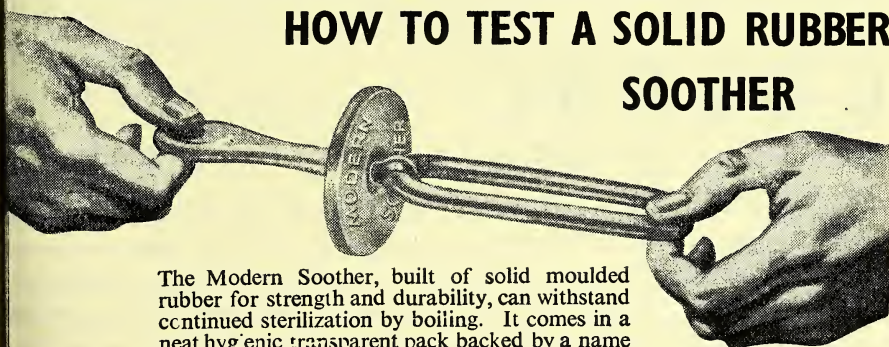
JAMES WOOLLEY, Sons & Co. Ltd., Victoria Bridge, Manchester,

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HOW TO TEST A SOLID RUBBER SOOTHER



The Modern Soother, built of solid moulded rubber for strength and durability, can withstand continued sterilization by boiling. It comes in a neat hygienic transparent pack backed by a name that means reliability and value. Retailing at 1/- each, The Modern Soother is supplied in attractive display outers containing 2 dozen soothers. 7/10 dozen. (Through your regular wholesaler).

The **"MODERN"** SOOTHER

A CANNON RUBBER PRODUCT

Built to be boiled

THE CANNON RUBBER MANUFACTURERS LTD., LONDON, N.17

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COLDS!

A REAL PROTECTION!

PILLODINES are the new Prophylactic and Therapeutic remedy for colds. These silver-coated pillules contain Iodine in a specially created form; when slowly dissolved on the tongue they mobilise and bring into action the body defence mechanism. They offer all the advantages of cold immunisation without the expense and disadvantages. In addition to preventing and suppressing catarrhal conditions, **PILLODINES** 'make up' the serious Iodine deficiency from which many people suffer today.

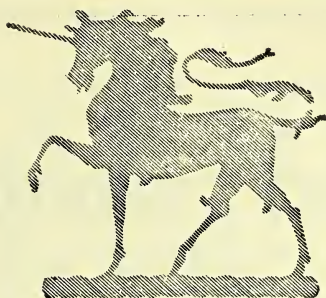
PILLODINES

PILLODINES—now entirely British—were evolved after years of scientific research in the internationally famous pharmaceutical laboratories of R. Schering. Organised tests in large factories, as well as public experience have proved their efficiency.

● Sales are backed by "sell-on-sight" counter display cartons, 'story-at-a-glance' showcard and ingenious twist-release pocket containers

They offer 55% profit—write for trade terms NOW.

WATFORD CHEMICAL CO. LTD., 30 Baker St., London, W.1 Tel: WELbeck 0264,



Fine **CHEMICALS**

Burroughs Wellcome & Co. offer a selected range of fine chemicals on particularly advantageous terms to bulk purchasers.

Each is the product of long manufacturing experience and strict analytical control, and represents the highest attainable standards of quality and purity. Further details and quotations will be supplied on application to Bulk Chemicals Section, 183-193, Euston Road, N.W.1.

ADRENALINE	HOMATROPINE HYDROBROMIDE
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EMETINE HYDROCHLORIDE	OUABAIN
ERGOMETRINE	K-STROPHANTHIN
ERGOMETRINE MALEATE	SULPHAGUANIDINE
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BURROUGHS WELLCOME & CO.

(THE WELLCOME FOUNDATION LTD.) LONDON

Associated Houses :

NEW YORK MONTREAL SYDNEY CAPE TOWN BOMBAY SHANGHAI BUENOS AIRES CAIRO

For

ACCURACY and UNIFORMITY

in PILLS and TABLETS consult
the SPECIALISTS with over
A CENTURY OF EXPERIENCE

ARTHUR H.  & CO. LTD.

THE LABORATORIES

BRIGHTON

Founded 1839

MEDICAL SPECIALITIES

**SOMNORAL
GLUCOVITE
LECITONE
ARTHRITONE
TERPOIN**



HOUGH, HOSEASON & CO. LTD.

ATLAS LABORATORIES, MANCHESTER, 19

Established 1901

P.A.T.A.

A GOOD SHOW

will bring in the customers!

Beecham Home Medicines act as a magnet, and bring a steady flow of regular business to your counter. For that reason it is sound business policy to maintain displays of:—

BEECHAM'S LUNG SYRUP BEECHAM'S PILLS BEECHAM'S POWDERS

Colourful show materials are available on request to enable you to make attractive displays of these popular, quick-selling lines, whilst consistent Press and outdoor advertising provides a strong supporting link between the customer and your premises.

All enquiries should be addressed to:

BEECHAM'S PILLS LTD
ST. HELENS,
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A NAME
and a
STANDARD

**"SURE
SHIELD"**

PRODUCTS



'SURE SHIELD'
IODISED THROAT
TABLETS

'SURE SHIELD'
FRUIT LAXATIVES

'SURE SHIELD'
GLYCERINE of THYMOL
PASTILLES

LOZENGES. PASTILLES.
TABLETS.

IN BULK and ATTRACTIVE PACKS

DELIVERIES. The position is now much improved. Although we are producing to our full capacity we still have to take orders in rotation and are making every effort to maintain an equitable distribution of our **PRODUCTS.**

Thos. Guest & Co. Ltd. *Manufacturing Chemists*
Carruthers Street, Manchester, 4

PEBOC LTD
MANUFACTURERS OF
VITAMIN D3

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LIVERPOOL. 3.

LABORATORIES · GREENFORD · MID

'CONTENTA' GRIPE MIXTURE
for BABIES

"The label sells it"

BLACKWELL HAYES & CO. LTD., Wholesale Druggists
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Containers of Metal
Glass, Aluminium
and Plastic

Tel: Hop. 0516 (6 lines)
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ESTABLISHED 1793

ATKINSON & BARKER'S
INFANTS' PRESERVATIVE

The Best and Safest Infants'
Medicine of 150 years' standing

Does not contain any Scheduled Poison

ROBERT BARKER & SON, LTD
13 WESLEY ST., C. on M., MANCHESTER



Meritor PACKED GOODS



- FAMOUS FOR QUALITY AND PURITY.
- ATTRACTIVE PACK AND PRESENTATION.
- GUARANTEED TO CONFORM TO OFFICIAL PHARMACEUTICAL STANDARDS.
- OVER 40 ITEMS IN EVERYDAY DEMAND.
- COMPETITIVE PRICES — GOOD PROFIT MARGIN.

S. MAW, SON & SONS, LTD., NEW BARNET, HERTS.

BUTLER & CRISPE

L. H. CRISPE

ESTAB. 1777

R. P. GOWER

PROPRIETARY MEDICINES · CHEMISTS' SUNDRIES · TOILET GOODS

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P-R-E-S-C-R-I-P-T-I-V-E
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 M-O-T-O-R · R-A-I-L · P-O-S-T

SEND YOUR ORDERS OR ENQUIRIES TO:—

80/84 CLERKENWELL ROAD · LONDON · E.C.1

TELEPHONE: CLERKENWELL 3060 (15 lines)

GRAMS: 'ALLUWANT' SMITH, LONDON

The Favourite
JACKSON'S
FEBRIFUGE



1/7; 3/10; 6/4
 Inc. Purchase 12s
 Also other famous
 specialties—
 Drawing Ointment &
 Camodine Ointment

GEORGE JACKSON & SONS LTD

BREWERY ST. HARPURHEY MANCHESTER 9

© (J.F.)

★ UNIQUE !

MARRIOTT'S COCONUT OIL HAIR CREAM

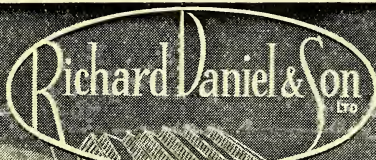
is **NOT** just another hair preparation. It contains genuine Coconut Oil and although in a class by itself, it now retails at

1/1½ per 6 oz. jar

Distributors for
 Scotland, Midlands and Southern England
STANWHITE LTD.

Parkhouse Street, London, S.E.5

Manufactured by
DENCIL MANUFACTURING CO. LTD.
 21 CAMBRIDGE ST., LIVERPOOL, 7



PROPRIETARIES
SUNDRIES DRUGS
TABLETS & PILLS

FOR
CHEMISTS

*Manufacturing
Chemists*

Office & Works Mansfield Road Derby Telephone 4266 (3 lines) Branch Warehouse Grosvenor St. Ashton... Lyne Telephone 2816 (2 lines)

CLINICAL PRODUCTS LTD.

and

MOORE MEDICINAL PRODUCTS LTD.

announce that trade terms of both companies have been revised and co-ordinated. The following bonus terms now apply to retailers on orders for all products except Deedon Electric Inhalers, Codella Products and dispensing and bulk packs.

ORDERS OF NET VALUE OF £2 10s. AND OVER, LESS 5%

ORDERS OF NET VALUE OF £5 AND OVER, LESS 10%

If you have not yet received a copy of the new Price List one will gladly be sent on request.

Order always on Bonus Terms from:

Moore Medicinal Products LTD.

Queen's Terrace
Derby
Derby 6000/1

64 Gloucester Place,
London - W.1
(WELbeck 5718/9)

THIS WINTER 235 MILLION ADVERTISEMENTS LIKE THESE

*will move stocks
so fast they will
need watching*

Winter brings awkward twinges
... You can offer safe and quick
relief with "SLOAN'S." Your
Sales go on all the year round,
but they will jump now—how
are your "SLOAN'S" stocks?

Retail Price 2/3 per bottle (Including Tax)

List Price 16/- per dozen	Plus
6 dozen Price . . . 15/3 per dozen	Purchase Tax
12 dozen Price . . . 14/9 per dozen	(a) 5/4 per dozen

Prices per dozen apply to Retail Pharmacists only.

WILLIAM R. WARNER & CO. LTD.,

POWER ROAD

LONDON, W.4

Sole Distributors for DR. EARL S. SLOAN LTD.



MELOCAMP LOZENGES

Have established themselves
because they are what the
Public expects of a lozenge.
They relieve cough and bronchial
congestion with demulcents, seda-
tives and the glowing warmth of
penetrating oils.

In attractive 2 oz. size tins
Retail 1/6d. inc. P. Tax

Supplied in Display Boxes
holding 1 doz. tins, 9/- net
per doz. with extra dis-
counts on 3, 6 & 12 doz. lots
in return for display



Telephone : BYRon 1440/1800
Telegrams : Damancy Harrow

DAMANCY & CO. LTD HARROW MIDDLESEX
ESTABLISHED 1890

FOR

PATENTS

DRESSINGS

PILLS & TABLETS

DANGEROUS DRUGS

DRUGS & GALENICALS

ETHICAL PROPRIETARIES

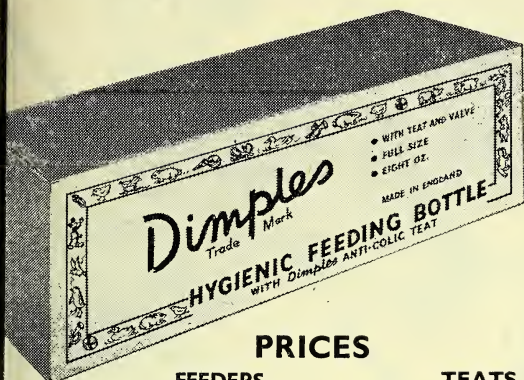
SMITH & HILL

(Chemists) Ltd.

SIDNEY ST., SHEFFIELD, 1

Phone : 24321

GOOD TO DISPLAY . . . GOOD TO SELL



The Dimples Feeding Bottle is not only a good quality article. It is a good quality article well packed.

Each carton is wrapped in transparent tissue to prevent soiling.

The buff and blue cartons of both Feeders and Teats will give you an attractive display . . . and quick sales.

PRICES

FEEDERS

	Per Doz. 8 oz.	Per Doz. 4 oz.
Double-Ended	9/-	7/6
No. 1 Upright	8/-	7/6

TEATS

	Per Doz.	Per Gross
	2/-	21/-
Twelve Teat Cartons in Display Outer		



Special Discount of 5 per cent. on gross lots assorted.

★ All orders carriage paid in free packages.

CDONALD & SON, LTD. . DAWSON STREET . SALFORD . MANCHESTER . 3

JENNER INSTITUTE GLYCERINATED VACCINE LYMPH

PREPARED IN ACCORDANCE WITH THE THERAPEUTIC SUBSTANCES REGULATIONS
(BRITISH PRODUCT)

SINGLE VACCINATION TUBES - - - - - 10d. each ; 9s. dozen. Postage extra
LARGE TUBES (EXPORT only) sufficient for five vaccinations - - - 1s. 6d. each ; 15s. dozen

JENNER INSTITUTE FOR CALF LYMPH LTD

77 BATTERSEA CHURCH ROAD, S.W.11

Telephone : Battersea 1347

Telegrams : "Jenvacter, Phone, London" (2 words)



POPPY DAY

SATURDAY, NOVEMBER 6th

This space has been generously donated by Jeffreys Miller & Co. Ltd.

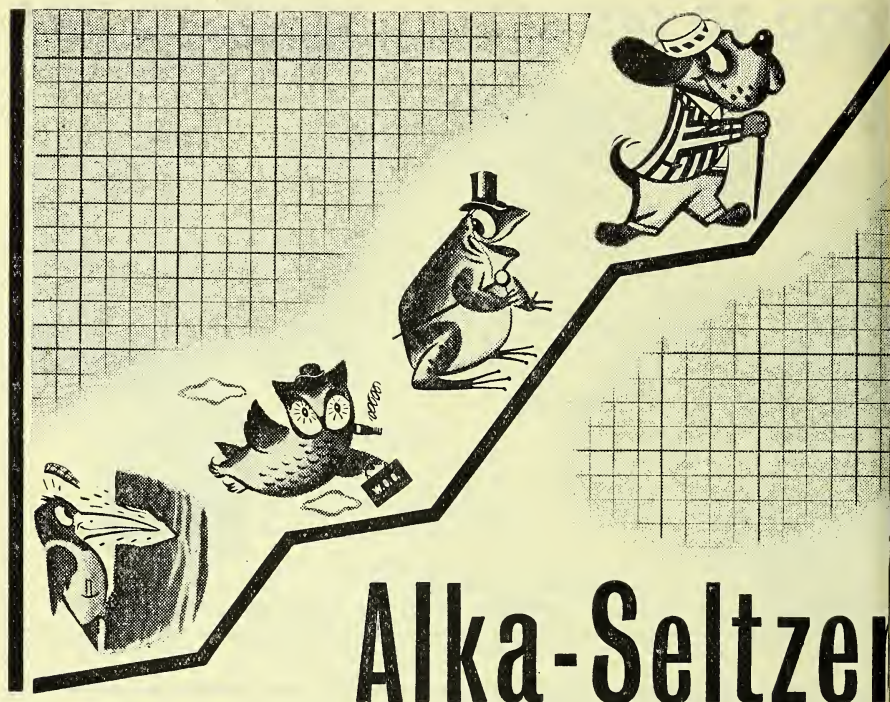


STANDARD SACCHARIN TABLETS

. . . a limited quantity available in regular amounts

THE DALES ASPIRIN & TABLETING CO.

STEETON, Near Keighley, Yorks.



Alka-Seltzer

smashes all records

Alka-Seltzer's new and unique advertising campaign featuring the above illustrations and others, has captured public interest and is creating bumper sales. All pre-war records have been broken. More and more people are discovering that Alka-Seltzer brings extra-fast relief from headaches, indigestion and everyday muscular aches and pains. And now, with winter approaching, many thousands will find that Alka-Seltzer combination of aspirin, sodium bicarbonate and citric acid brings the same extra-fast

**Keep Alka-Seltzer
regularly on display and
watch your sales go up**

relief from the discomfort and misery of colds. Full directions for the Alka-Seltzer cold treatment are included with every package.

Write now for trade price list and details of the Display Discounts to Don S. Momar Ltd., 57 Albany Street, London, N.W. Sole Distributors for Miles Laboratories Ltd.

4 NIVEA

SELLING AIDS



To help you sell more Nivea Creme—already a quick-moving low-priced line—we offer these sales aids. Send in the coupon below.

NIVEA SELF-SERVER

Stands on counter, pleasing appearance. Intrigues customers into serving themselves by just pulling out a packet. Replacement is automatic once container is filled.

SHOWCARDS

Attractive showcards for window or counter, in full colour, showing the wide range of uses of Nivea Creme.

PRESS ADVERTISING

Colour advertisements now appearing in magazines; black and white advertisements in national and provincial newspapers.

NIVEA MANUAL

Packed with useful information about Nivea. Enables you and your assistants to answer customers' queries about Nivea.

Post NOW

Please send me

- (1) Self Server & . . . doz. Nivea Creme No. 368 in Self-Server Refill cartons @ 10/10d. per doz.
 (2) Showcards (3) Nivea Manual

Name

Address

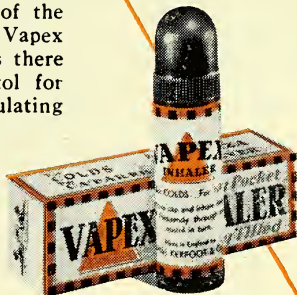
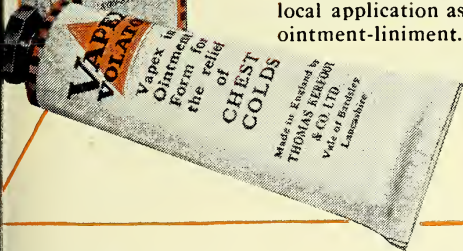
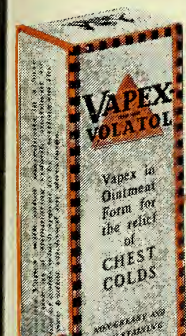
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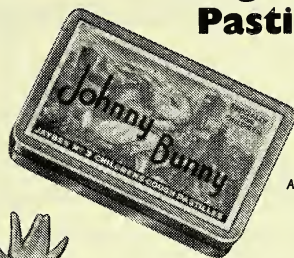
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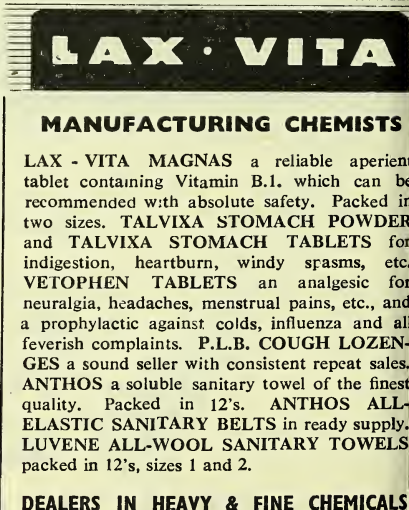
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OCTOBER 3rd, 1948

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NEWS OF THE WEEK

Poisons Board Appointments.—The following members of the Poisons Board, 1948-49, have been nominated by the Pharmaceutical Society:—Messrs. B. A. Hill, W. S. Howells, H. N. Linstead, C. Maplethorpe and H. Noble.

Committee on Prescribing.—The Ministry of Health is to set up an expert committee to lay down general rules for the practice of doctors as to what may be prescribed as "drugs" under the National Health Service.

Brussels Pharmaceutical Exhibition.—A medical conference and sample exhibition of British pharmaceutical specialities is to be held in Brussels, November 5-7. The exhibition is being sponsored by the Pharmaceutical Export Group in conjunction with the Export Promotion Department of the Board of Trade.

Dismantling of German Plant.—Mr. Paul Hoffman (U.S. Economic Co-operation Administrator) announced recently that France and Britain had agreed to consider a U.S. proposal to slow down the dismantling of German plant as war repara-

tations pending a study of their importance to the European Recovery Programme.

Health Minister's Visit.—Mr. Aneurin Bevan (Minister of Health), visited Glaxo Laboratories, Ltd., Greenford, Middlesex, on October 22, and was received by Sir Harry Jephcott (managing director) and other directors. Mr. Bevan inspected the aseptic hall, where streptomycin was being filled into vials ready for use, and the bacteriological department, where various vaccines, including combined diphtheria-whooping cough prophylactic, were being produced.

Trade Prospects with Japan.—Britain's supplies of camphor and camphor oil from Japan will continue on a reduced scale compared with pre-war years, unless Japan can obtain supplies from Formosa. This is the view of Mr. H. A. Macrae, C.M.G., M.B.E., formerly Commercial Minister at the British Embassy, Tokyo, writing in a booklet, "The Future Development of the Japanese Economy" (H.M. Stationery Office, price ninepence) published for the Board of Trade. Mr. Macrae also takes

the view that agar supplies will not be as plentiful as in pre-war years because certain fishing grounds are now prohibited to the Japanese.

A.B.C.M. Council.—The following have been elected to the Council of the Association of British Chemical Manufacturers: *President*, Dr. P. C. C. Isherwood. *Vice-presidents*, Dr. F. H. Carr, Mr. R. Dun-calfe, Dr. E. V. Evans, Mr. L. P. O'Brien, Mr. R. G. Perry, and Mr. C. F. Merriam. *Chairman*, Sir Harry Jephcott. *Vice-chairman*, Sir Frederick Bain. *Treasurer*, Mr. C. E. Carey. *Members of Council*, Mr. A. D. Daysh, Dr. A. E. Everest, Messrs. C. G. Hayman, G. E. Howard, W. F. Lutyens, L. G. Matthews, T. D. Morson, D. P. C. Neave, F. G. Pentecost, S. W. Whiffen, G. F. Williams, K. H. Wilson and H. Yeoman.

T.S.A. Penicillin Licences.—Licences under the Therapeutic Substances Act, 1925, for dispensing penicillin injections, have recently been granted to the following:—

BLACKPOOL: P. Varley, 65 Holmfield Road.

BRIGHTON: Savory & Moore, Ltd., 71 East Street.

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NEWTON ABBOT: Stow & Purser, Ltd., 95 Queen Street.

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P.A.T.A. Council Election.—The following members of the Council of the Proprietary Articles Trade Association are due to retire this year: *Manufacturers' section*, Thomas Christy & Co., Ltd., Foster McClellan Co., Horlicks, Ltd. and Macleans, Ltd.; *Wholesale section*, Ayrton, Saunders & Co., Ltd., Thos. McMullan & Co., Ltd., Raimes, Clark & Co., Ltd., and Sangers, Ltd.; *Retail section*, Messrs. S. W. Hague, W. S. Howells, Thomas Marns and J. F. Watts. Twelve seats (four in each section) are thus open for election, and it is open to members of the manufacturers', wholesale and retail sections to nominate candidates for the vacancies in their respective sections. Nominations must be received by the secretary, 43 Gordon Square, London, W.C.1, not later than November 5. In the event of an election, voting papers are to be issued on December 6

and must be returned not later than December 18. Each candidate must be nominated and seconded by a member of the section.

"Design at Work" Exhibition.—Inscribed as a "curtain raiser" to the Festival of Britain, 1951, the first exhibition of work of Royal Designers for Industry opened at the Royal Academy, October 26. The exhibition, entitled "Design at Work," has been sponsored by the Royal Society of Arts and the Council of Industrial Design to explain the designer's contribution to the manufacture of products that "work well, look well, well and sell well." A section on packaging design illustrates the evolution of a lipstick container and other cosmetic packages designed for Yardley, Ltd., Mr. Reco Cahey (see also *C. & G.*, August 21, p. 245). Designs for film containers prepared for Ilford, Ltd., by Mr. Mervin Gray are also shown. The exhibition remains open until November 28; it embodies many ideas adaptable to retail display work.

Allocation of Isotopes.—In order to allocate the available isotopes produced by the Atomic Energy Research Establishment, Harwell, amongst users, an Isotope Allocation Committee has been set up under the chairmanship of Sir John Cockcroft. The membership of the committee includes representatives of the Medical Research Council, the Agricultural Research Council, and the Department of Scientific and Industrial Research, the latter representing Universities and industrial interests. Commercial production of enriched N^{15} in Britain is being undertaken by G. A. Atoson, Ltd., Loughborough, and the company is to offer this isotope for sale generally, while a plant for the production of enriched C^{13} by the use of the distillation-exchange process using liquefied carbon monoxide is nearing completion at Harwell. A thermal diffusion plant capable of enriching the O^{18} isotope of oxygen by a factor of 100 is also expected to be in production at Harwell in about three months. Electromagnetic separation equipment is also being built at Harwell for the production of small quantities of separated isotopes of very high purity. Although the demand for separated radioactive isotopes (such as P^{32} and I^{131}) far exceeds supply at present, the quantities produced when the new atomic pile (see *C. & G.*, July 10, p. 40) comes into operation should be adequate for all scientific and medical needs.

LOCAL NEWS

Liverpool Centenary. — To mark the centenary of the Liverpool Chemists' Association, chemists in the city are to be the guests of the Lord Mayor at a reception on January 1949.

Film Show at Bath. — Four films presented by Evans Medical Supplies, Ltd., were shown by Mr. W. J. Merrick at a meeting of the Bath Branch of the Pharmaceutical Society on October 14. Mr. A. Hale (president) was in the chair.

New Laboratories for Edinburgh. — The Scottish Education Department has approved plans for a new building at the Elliot Watt College, Edinburgh, to include chemistry, pharmacy and metallurgical laboratories.

N.A.W.P. Liaison Conference. — A branch liaison conference was held by the National Association of Women Pharmacists in Sheffield on October 17. On the previous evening the nine area delegates who attended were the guests of the Sheffield Branch of the Association at a dinner.

Southend Film Show. — At a meeting of the Southend-on-Sea Branch of the Pharmaceutical Society on October 14, a film show was given by Mr. C. W. Bruce (vice-chairman). The programme included "Take You," "Life Blood," and a number of short features and cartoons.

Edinburgh Chemists' Golf. — In the Edinburgh Chemists' Golf Club championship final played at Bruntsfield, recently, Mr. P. McCulloch beat Mr. Norman Stephen by 4 and 3. In a final hole and hole competition played at Duddingston, Mr. J. Finlay beat Mr. J. A. Stenhouse, 1 up.

Leicester N.P.U. Officers. — At the annual meeting of the Leicester and Leicester Branch of the National Pharmaceutical Union, recently, the following officers were elected: — *Chairman*, Mr. V. S. Tinkler; *Vice-chairman*, Mr. E. Savage; *Treasurer*, Mr. R. Peberdy; *Secretary*, Mr. H. Dennis, 8 Halford Street, Leicester.

Works Visits. — A party of pharmacists from the West Kent Branch of the Pharmaceutical Society recently visited Glaxo Laboratories, Ltd., Greenford, Middlesex. Members of the Yorkshire Branch of the Guild of Public Pharmacists recently visited Messrs. Glaxo's penicillin and streptomycin plant at Barnard Castle, Co. Durham.

Chemists'-Opticians' Film Show. — At a meeting of the Institute of Chemists'-Opticians held in London on September 28, Mr. G. Bryan Brook (president) in the chair, a programme of films shown included "Penicillin in Medicine and Surgery," "Squint Operation" and a number of other scientific and medical films. During the interval Dr. J. Ross-Mansell announced a series of scientific meetings to be held during the season.

Zinc Borate in Eye Lotion. — The Birmingham city analyst, in his report for the second quarter of 1948, says a sample of eye lotion which, according to the label, should have contained, among other ingredients, 0.5 per cent. borax and 0.25 per cent. zinc sulphate, was found to contain 0.22 per cent. borax and a mere trace of zinc in solution. The remainder of the borax and the whole of the zinc had combined to form an insoluble zinc borate which appeared as a precipitate in the bottle. Other samples found incorrect included boric acid ointment (obsolete formula); soda mint tablets (sodium bicarbonate deficient) and white precipitate ointment (obsolete formula).

Glasgow Golf Winners. — In the season just completed by the golf section of the Glasgow Pharmacy Club, winners were as follows: — Evans Quaich trophy, Mr. W. T. Sinclair; Meggeson prize, Mr. D. M. McKinnon; Reckitt & Colman trophy, Mr. W. T. Sinclair; Smith cup, Mr. J. McMillan; Hatrick trophy, Mr. J. Mair; Virol cup, Mr. H. W. Thomas; Ucal cup (veterans), Mr. H. W. Thomas; Major Lindsay Hatrick trophy, Messrs. G. Adam, junior, and T. Smith (jointly); McKay cup, Mr. J. McMillan; Captain's and vice-captain's prizes, Messrs. G. Adam, junior, T. Smith, J. Mair, W. Melrose, J. Smith, T. McEwan, Dr. D. Barclay, and G. F. Grant; Waide cup, Mrs. Thomas and Mr. A. L. Jamieson.

Lecture on Pharmacopœias. — At a meeting of the Durham County Branch of the Pharmaceutical Society in Durham on October 7, Mr. J. C. Penman, Ph.C. (pharmacy department, Sunderland Technical College), gave a talk on "British Pharmacopœias." He outlined their development from the separate pharmacopœias of Edinburgh, Dublin and London and the first B.P. of 1864, to those of 1867, 1885, 1898, 1914, 1932 and 1948, showing how the B.P. had gradually become more a book of standards and less a book of formulas. The B.P., 1898, he said, had marked the "dawn

of modern medicaments;" with the B.P., 1914, the era of synthetic organic drugs had begun. Mr. Penman described the new B.P. as the "manufacturers' B.P." The recommendation to discontinue the use of the ounce and drachm signs had persisted (with little effect), he said, from the first B.P.

Exeter Annual Dinner.—Speaking at the annual dinner of the Exeter Branch of the Pharmaceutical Society on October 14, Mr. J. F. McNeal (vice-president of the Society) paid a tribute to the late Mr. P. F. Rowsell, Exeter, a former president of the Society. Mr. McNeal referred to negotiations taking place with the University of London over the Society's new building, and to the recent purchase of the convalescent home, Birdsgrove House. "The Visitors" was proposed by Mr. H. Jarvis Graves, Exmouth. Mr. R. R. Ramsden (chairman, Plymouth Branch), responding, said his branch believed in fostering close contact with local authorities so that when any proposals were put forward pharmacists could offer helpful advice as well as guard their professional interests. Proposing "Exeter Branch," Mr. H. Holmes, Torquay, urged that the Society should pay closer attention to the intake of young people into pharmacy. He feared that, because of recent examination changes, few young people with the right qualifications would enter retail pharmacy; the present trend was more towards research. Mr. A. C. Milton, Exeter, replying, said the local organisation could be traced back as far as 1845. "The Guests" was proposed by Mr. P. M. Smith, and Mr. McNeal replied.

OVERSEAS NEWS

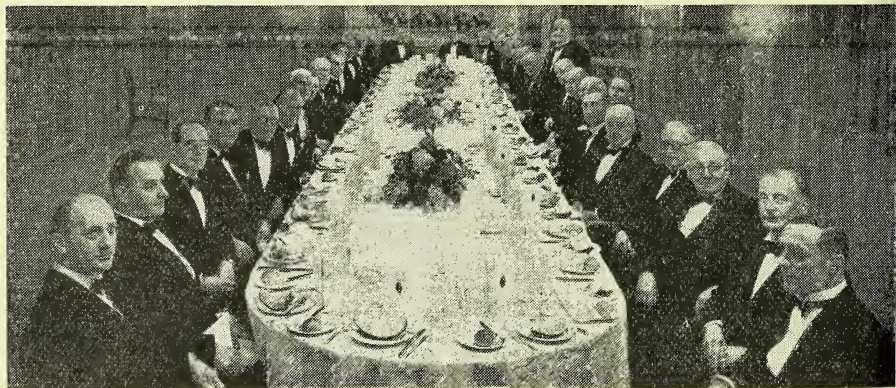
Italian Tax Increases.—The Italian Government has decided to increase taxes on, among other goods, perfumes.

Italian Mercury Exports.—In the first eight months of 1948 exports of Italian mercury amounted to 691.2 metric tons, against 431.7 in the corresponding period of 1947, and 1,158.4 in the first eight months of 1938.

World Health Board Meets.—The second session of the Executive Board of the World Health Organisation commenced in Geneva on October 25. Unification of pharmacopœias and biological standardisation of drugs are amongst "high priority" subjects tabled for discussion.

Synthetic Detergents in the U.S.—Despite the increase in production of synthetic detergents in the U.S.—estimated at 150 million lb. a year—these products do not appear to offer a threat to soap in competitive markets. While synthetic detergent consumption is now running at the rate of 600 million lb. a year, soap consumption is also on the increase.

Seasonal Variations in Stomach Pepsin—An Italian research worker (Dr. Marchetti) at the Sero Institute, Rome, has observed that the quantity of pepsin found in pigs' stomach varies in accordance with the month of the year. The figures he obtained indicated that pepsin contents of the pig's stomach remain on a uniform low level during the period from April to September, then rise sharply in October. The rise continues to a peak in December.



COMPLIMENTARY DINNER.—Guests at a complimentary dinner to Mr. C. H. Ratcliffe (a member of the Council of the Proprietary Articles Trade Association) given in London recently to mark his retirement from active participation in business and trade-association work (see C. & D., October 23, p. 530).

TOPICAL REFLECTIONS

Chemical Manufacturers' Problems

Your illustrated account of the annual meeting and dinner of the Association of British Chemical Manufacturers (pp. 535-41) is of importance to everyone interested in the chemical industry. The speeches of Sir Harry Jephcott and Sir Ian Heilbron indicate frankly the main difficulties confronting this highly organised group of manufacturing houses. Sir Harry Jephcott dwelt chiefly on two handicaps, shortage of "trained and practical men" and delay in providing adequate buildings. Well trained men, it is reassuring to learn, are likely to become available in increasing numbers; but the structural outlook is less satisfactory. In past years I have occasionally noticed with surprise the flimsy nature of buildings where expensive machinery was installed: the continuance of this discrepancy must be a matter of serious concern to manufacturers who have to contend with it. Sir Ian Heilbron spoke gravely on the claims of long-term research, expressing a doubt whether the best use was being made of men of high attainments coming into industry from our universities. That this kind of research should proceed *pari passu* with applied research is a truth, or even a truism, that our leaders will neglect at their peril—and at ours. The other day I was reading an article on results already achieved in the extraction of products from petroleum, and on possibilities of further expansion in this promising field. The number of chemicals derived from the crude substance approaches, if it does not reach, three figures, and speaks well for the results of current chemical research.

Association Meetings

Two consecutive news paragraphs on p. 523 suggest further experiments in the old problem of arranging the fixtures of a winter session of chemists. The difficulty of securing satisfactory audiences drawn from people who have done a hard day's work before a meeting begins is likely to be accentuated in face of the demands of the National Health Service. Clerical work and rota obligations are both heavier than they were before July 5. Chemists in retail businesses are drawn to meetings in good numbers when there is some urgent question to be discussed, and once or twice in a year they similarly attend social gatherings. But for most of the time the conduct of affairs is left to the

faithful few. In one of the paragraphs just mentioned, an exchange of ideas and experiences of N.H.S. problems is reported: that topic is sure to recur for some time to come, and should receive attention from various angles. The other paragraph shows that the interest of assistants has been enlisted at Southampton. The method chosen on the occasion referred to was the exhibition of four technical films. This type of event (involving, I presume, little strain on attention) may commend itself to committees of other associations and branches as a means of varying a sessional programme. Other changes have been and are being tried, and the results are no doubt being watched. Bearing in mind that there is a limit to human endurance, the committees concerned will, it is to be hoped, be moderate in their requests for attendance.

A Reborn School

Some of the frequenters of 17 Bloomsbury Square must have experienced a feeling of sadness on realising, on October 6, that they were attending the opening of the first session of the School of Pharmacy of the University of London, even though it was also the 107th session of the Pharmaceutical Society's old School (p. 532). Mr. Thomas Tickle, a Pereira medallist and public analyst for Devon, was appropriately reminiscent on the subject of the School and its professors; and abstaining from regret at the change now in progress he gave sound advice to students. Like the speaker, I remember many of the conditions, pharmaceutical and topographical, of the early 'nineties. His remarks on examiners' methods and demeanours, and on candidates' discussion of them, can be confirmed by any pharmacist (unless he or she was abnormally unobservant) whose lot it was to pass through the Bloomsbury Square examination hall then. As he indicates, the "face value" of an examiner was not a trustworthy guide to the marks he was about to note. One pharmacist of my acquaintance had the satisfaction of telling one of his examiners, after an interval of about thirty years, that he was not sure that he, as a candidate, ought to have passed when he did! Mr. Tickle's emphasis on exactitude may well be taken to heart by all who are studying, or intend to study, for an examination. In one aspect, science is simply exact measurement.

Xrayser

COMPANY NEWS

D. M. (LEEDS), LTD. (P.C.).—Capital £1,000. To carry on the business of chemists' sundriesmen, manufacturers of and dealers in soaps, perfumes, cosmetics, etc. Maurice Williams, director. R.O.: 12 Neville Street, Leeds, 1.

HUNTERS CHEMISTS, LTD. (P.C.).—Capital £2,000. To carry on the business of manufacturing and general chemists, etc. Morris Hunterman, M.P.S., and Ethel Hunterman, directors. R.O.: 20 New Briggate, Leeds.

AFKAPS, LTD. (P.C.).—Capital £5,000. To carry on the business of manufacturing chemists, druggists, etc. First directors are to be appointed. Solicitors: Herbert Oppenheimer, Nathan & Vandyk, 20 Cophall Avenue, London, E.C.2.

R. A. FISHER, LTD. (P.C.).—Capital £12,000. To acquire the business of a chemist and optician carried on by John M. Dodd, at 4 Westgate, Ripon, Yorks. Ronald A. Fisher, Miss Kathleen M. Kidd and John M. Dodd, M.P.S., directors.

GUGLIELMO PEARSON, LTD. (P.C.).—Capital £1,000. To carry on the business of dealers in disinfectants, sanitary and medical compounds, etc. First directors are to be appointed. R.O.: 172 Buckingham Palace Road, London, S.W.1.

CHARLES S. GREGORY (CHEMISTS), LTD. (P.C.).—Capital £5,000. To carry on the business of chemists, druggists, etc. Charles S. Gregory, M.P.S., 228 Bolton Road, Atherton, Lancs, and Robert Catterall, directors.

POLYCHEMIA (LONDON), LTD. (P.C.).—Capital £100. To carry on the business of merchants and manufacturers of chemicals and pharmaceutical goods, drugs, toilet products, etc. First directors are to be appointed. R.O.: 203 Regent Street, London, W.1.

PLASPACKING, LTD. (P.C.).—Capital £1,200. To carry on the business of manufacturers of plastic containers and plastic goods of all kinds, etc. Thomas Allen, Louis Donn, M.B.E., Sydney Harvey and Alexander Krakauer, directors. R.O.: 28A Basinghall Street, London, E.C.2.

GORDON LOCK (LOUTH), LTD. (P.C.).—Capital £30,000. To acquire the business of a chemist carried on at Louth, Lincs, as "Gordon Lock." Arthur G. Lock, Melba D. Lock and Frank H. Pulford, M.P.S., directors. R.O.: 61 Eastgate, Louth, Lincs.

WILLOWS FRANCIS PHARMACEUTICAL PRODUCTS, LTD. (P.C.).—Capital £100. To carry on the business of manufacturing chemists, dealers in medicines and drugs, toilet preparations, etc. First directors are to be appointed. Solicitors: Ernest G. Scott & Co., 31 Broad Street Avenue, London, E.C.2.

"SANITAS" TRUST, LTD.—The interim dividend on ordinary shares is maintained at 5 per cent.

HORLICKS, LTD.—Net profit for the year ended March 31, after taxation of £187,527 (£227,884), was £123,789, compared with £154,144 in the previous year. The sum of £52,728 has been transferred to the reserve accounts, against £64,680 a year ago. After dividend appropriations this leaves £32,740 to be carried forward, against £44,179 in 1946-47.

LEGAL REPORTS

Pharmacy Act Fine.—At Linlithgow sheriff court on October 12, Bathgate Co-operative Society, Ltd., were charged with having sold on July 19, by the hands of a servant, poisons (codeine and tincture of aconite in Famel syrup) otherwise than under the supervision of a registered pharmacist. A plea of guilty was entered. On behalf of the Society it was pleaded that the shop was under the supervision of a registered pharmacist, but that he was absent at the time because he was unwell. Imposing a fine of £1, the sheriff said he could not understand why there was not a clause in the Pharmacy and Poisons Act restricting the sale of poisons to a qualified pharmacist. —At St. Helens, Lancs, recently, John Holt, M.P.S., Kirkland Street, was summoned for selling by retail a poison not labelled in the prescribed manner and also for making the sale otherwise than under the supervision of a registered pharmacist. A bottle of Famel syrup was sold by Mrs. Holt in the absence of her husband. Defendant contended the Society should send a registered pharmacist to make the test purchase. Fines and costs totalling £3 12s. were imposed.

Infants' Milk for Ice-cream. — At Clerkenwell magistrates' court, on October 22, fines totalling £100, with £10 10s. costs, were imposed on Max Seifert, known as D. M. Leighton, 8 Valley Drive, Kingsbury, and Press Pharmacies, Ltd., 91 Cricklewood Lane, London, N.W.2, on charges of unlawful transactions in infants' milk food. Seifert had pleaded guilty to obtaining twenty-four tins of Ostermilk from Press Pharmacies, Ltd., and the company admitted supplying it, otherwise than on production of a child's green ration book. Prosecuting solicitor said that, while Ministry of Food inspectors were questioning Seifert about another offence, twenty doz. tins of milk food were found in a van belonging to him. Seifert said he had paid £30 for the tins, which he intended re-selling to ice-cream manufacturers. For the company, it was represented that, at the time of the offence, that type of food could be sold generally, if the seller applied for special permission from the Ministry of Food. There was a glut on the market, and there was no question of any child going short. The permission had not been obtained, owing to some confusion between manager and assistant. The magistrate commented that a chemist should know that the greatest care was necessary in his profession.

BIRTHS

DENSLEY.—At Broomfield Park nursing home, London, N.13, on October 25, Dorothy (née Jenner), the wife of Edward J. Densley, D.F.C. (of Wm. Chas. Brumley, London, E.C.3), 71 Avondale Avenue, East Barnet, of a daughter.

FIRTH.—At the Cavendish nursing home, Surbiton, Surrey, on October 25, Doris Isobel Firth, M.P.S., the wife of Joseph Foster Firth, M.P.S., 38 Richmond Hill, Richmond, Surrey (a member of the publishing staff of *THE CHEMIST AND DRUGGIST*), of a son.

DEATHS

HILL.—In a nursing-home near London, on October 24, Mr. Charles Alexander



Hill, Ph.C., aged seventy-four. Mr. Hill was chairman and managing director of The British Drug Houses, Ltd., London, from its inception in 1908 until his retirement in September 1943. Born in 1874, he came of a line of wholesale druggists, of which he represented the third generation. His

grandfather, the late Mr. Arthur Stephen Hill, entered the trade in the second decade of the nineteenth century; the firm to which he was articulated and which he ultimately acquired—White & Cautherley—sprang from roots well back in the days of George II. Arthur Stephen Hill was succeeded in turn by his son, Arthur Bowdler Hill and the subject of the present notice, the business in the meantime having become known as A. S. Hill & Son. Educated at Winchester College, he obtained the Pharmaceutical Society's "Major" certificate in 1896, became a Fellow of the Institute of Chemistry in 1899, and secured his B.Sc. (London) degree in 1904. Entering commerce, he soon proved himself a great organiser, and was destined to play a leading part in the development of the British fine chemical industry. He was closely associated with the formation and development of the Salters' Institute of Industrial Chemistry. Early in his business career, Mr. C. A. Hill conceived the formation of a chemical and pharmaceutical

manufacturing house on a scale much beyond the resources of any firm then in existence. The result was the formation, in 1908, of The British Drug Houses, Ltd., in which were welded into one homogeneous body five century-old historic concerns. Mr. Hill played an important rôle, first in developing the manufacture of pure organic substances used in medicine, and secondly in introducing into this country the manufacture of complex organic substances for use in analysis and research, thus displacing German manufacturers from the leading position they formerly occupied. He was one of the honorary auditors of the Pharmaceutical Society. Among many public offices he held at various times he was president (three times) of the British Pharmaceutical Conference; chairman for two years and treasurer for four years of the Association of British Chemical Manufacturers; chairman of the Wholesale Drug Trade Association, 1934, 1935, and 1939-43; a member of the Grand Council of the Federation of British Industries; a member of the Board of Trade Advisory Council relating to the chemical industry; a member of the Committee of Reference in Pharmacy appointed by General Medical Council concerning compilation of the British Pharmacopœia, 1914; and Master of the Salters' Company.

WENYON.—At his home in London on October 24, Dr. Charles Morley Wenyon, C.M.G., C.B.E., F.R.S., aged seventy. Dr. Wenyon was born at Liverpool in 1878 and spent much of his early life in China, where his father was a medical missionary. Sent to England for his education, he obtained in 1901 the degree of B.Sc. (London), his special subject being protozoology. He qualified M.B., B.S., in 1904, and was for a short period in general practice. He then took up an appointment under Sir Patrick Manson as protozoologist to the London School of Hygiene and Tropical Medicine. After further study of the subject in Paris and Munich, he accepted a position at the Wellcome Tropical Research Laboratories, Gordon College, Khartoum. In 1914 Dr. Wenyon was appointed director of research in the tropics to the Wellcome Bureau of Scientific Research, to which he returned in 1920 after war service with the Government (mainly in connection with the health of the armies in the Middle East). In 1924 he became director-in-chief of the Bureau. In 1946 he was awarded the Theobald Smith gold medal of the American Academy of Tropical Medicine.

TRADE NOTES

Sales Aids.—On another page of this issue are details and a form of application for sales aids issued for Nivea Creme by Herts Pharmaceuticals, Ltd., Welwyn Garden City, Herts.

Correct Address.—In a reference to perfumed bath preparations manufactured by H. Bronnley & Co., Ltd., in last week's issue (p. 528) the address of the company should have been given as Acton Vale, London, W.3.

Hydrogen-ion Indicators.—Edward Gurr, Ltd., 108 Waterford Road, Walham Green, London, S.W.6, manufacturers of Michrome brand biological stains and reagents, have made available a range of water-soluble hydrogen-ion indicators.

Jugo-Slav Drugs.—A two-colour bilingual (English and French) booklet listing Jugo-Slav botanical raw materials available for export — for payment by irrevocable credit at the National Bank in Belgrade—has been issued by Yougochamomilla, Novi Sad, Jugo-Slavia.

Back to Pre-war Standards.—Wright, Layman & Umney, Ltd., 44 Southwark Street, London, S.E.1, are issuing Wright's coal tar talcum and nursery powders to pre-war standards and formulas, and in re-designed sprinkler-top tins, which are illustrated on another page of this issue.

Display Outer.—Evans Medical Supplies, Ltd., Speke, Liverpool, 19, have pro-



duced a new two-colour display outer containing one doz. tins of twenty-four halibut liver oil capsules (Evans).

In Full Supply.—A. de St. Dalmas & Co., Ltd., 140 St. John Street, London, E.C.1, announce that, despite heavy demands from doctors, hospitals and clinics, they are in a position to meet all demands from retailers for Dalmas plastic dressing. Dalmas is waterproof, washproof, greaseproof and acid-proof.

New Size.—To meet the needs of doctors who are now ordering larger doses of rutin, Allen & Hanburys, Ltd., Bethnal Green, London, E.2, have made available a 60-mgm. tablet in bottles of 100, in addition to the existing 20-mgm. pack. Prices of rutin tablets, A. & H., are simultaneously reduced.

Extension of Activities.—K. A. Thiel, Ltd., manufacturers, importers and wholesalers of chemists' sundries, 2 York Villas, Brighton, 1, are extending their activities beyond southern England. They have recently added a representative for the Midland counties and an agent in North-east England. Any chemist may obtain a copy of a price list just issued by the company.

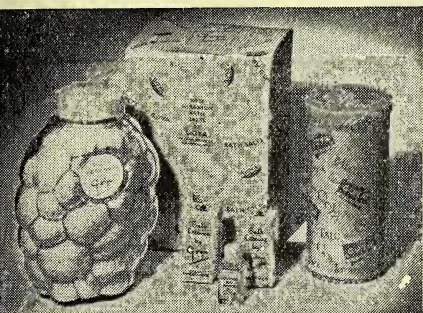
Bonus Offer Discontinued.—Owing to unprecedented demand for Crookes iodine and blackcurrant pastilles, the manufacturers (the Crookes Laboratories, Ltd., Park Royal, London, N.W.10) are unable to maintain bonus terms for this item. The bonus offer is therefore discontinued from October 30. It is hoped to reintroduce it when the supply position improves.

Bonus Scheme.—Potter & Clarke, Ltd., Artillery Lane, London, E.1, announce that a bonus offer affecting a number of their specialities on the P.A.T.A. list becomes operative on November 1. The items include Potter's asthma preparations, Thompson's dandelion coffee and slippery elm food and others. An announcement will be made in the advertisement pages of the November 6 issue of THE CHEMIST AND DRUGGIST.

New Print-glazing Machine.—A new Kodak rotary glazing machine—the Kodak 18—has been designed to meet the need of trade developing and printing works. The machine handles prints at the rate of 700-800 $3\frac{1}{4}$ x $2\frac{1}{4}$ in. single-weight prints per hour. Innovations include a redesigned control panel, lighter and sturdier die-cast aluminium drum-ends, a more efficient print-tray and a completely new smooth-lined main frame. Prints are taken direct from the washing water, fed on to the endless cloth band and conveyed auto-

matically to the drum. A spring-loaded rubber roller squeezees them against the glazing surface of the stainless-steel drum. They are rapidly dried by the 500 or 1,000 watt heater, and fall, perfectly glazed, into the print-tray to await trimming. All moving parts, except the belt and drum, are enclosed to protect the machinery from dust and chemicals. The frame and control panel are enamelled in high-gloss avocado-grey.

Perfumery Items for the Bath.—Goya, Ltd., 161 New Bond Street, London, W.1, draw attention to their new "bubble" jars of bath salts, which are available in two



fragrances only—Gardenia and Rose Geranium; bath essence in pre-war "chunky" tube bottle; and "cool-tinted" talc in attractive new tin, with "no separate lid to get lost"; a slight twist of the green plastic cap reveals the holes in the sprinkler top.

Price Lists.—A new price list issued by the CROOKES LABORATORIES, LTD., Park Royal, London, N.W.10, incorporates several new features designed to be of help to retail pharmacists. The price list section, occupying twenty-eight pages, is supplemented by lists of the company's vitamin products and transfusion solutions, a therapeutic index, and a list of overseas stockists. Copies are available on application of the manufacturers. HIRST, BROOKE & HIRST, LTD., Sheepscar Works, Leeds, 7, have issued a new ten-page list of their Notapen preparations of penicillin; a copy will be sent to any pharmacist on request. Pending publication of a complete catalogue of their pharmaceutical preparations list, IMPERIAL CHEMICAL (PHARMACEUTICALS, LTD.), Fulshaw Hall, Wilmslow, Manchester, have made available a cyclostyled price list. They have also issued medical leaflets on their specialities Avloprocil procaine penicillin oily injection and Avlon penicillin

preparations. — A sixteen-page quarto price list of the synthetic chemicals, essential oils and other perfumery specialities issued by TH. MUHLETHALER, S.A., Nyon, Switzerland, is available through the company's representatives for England: GALE & MOUNT, LTD., 28 Pont Street, London, S.W.1.

Proprietary Articles Trade Association

Alterations to Protected List (Part 1).—Allen & Hanburys, Ltd., Aminophylline tablets, A. & H., gr. 1½, 100's, 50s. 8d. doz.; 6s. 4d.; (dispensing), 1,000's, 37s. 6d. each (both exempt from tax).

Anestan, Ltd., Reduced prices, November 1: Anestan (brand) tablets, 10's, 14s. 3d. doz. (tax 33½ per cent.), inclusive retail price 2s.

British Schering, Ltd., Medinal tablets, tubes of ten, 5-gr., 13s. 6d. doz.; 1s. 6d.; ten 7½-gr., 19s. 6d. doz., 2s. 2d. (exempt from tax).

Hobson, Trimble & Co., Ltd., Hobson's Choice strapping plaster, retail price (including tax), 2½d.; combination pack, 9d.

Crookes Laboratories, Ltd., Collosol calcium with vitamin D, 4-oz., 36s. doz., 4s. 6d. (exempt).

Glaxo Laboratories, Ltd., Kapilon tablets, 25's, 33s. 9d. doz., 3s. 9d.; 100's, 94s. 6d. doz., 10s. 6d. (exempt).

E. F. Langdale, Correction to prices in Great Britain: Essence of cinnamon, cinnamon tablets, essence of peppermint, peppermint tablets, 27s. doz. (tax 33½ per cent.), i.r.p. 3s. 8d.; 44s. doz. (tax 33½ per cent.), i.r.p. 5s. 11d.

Pharmaceutical Specialities (May & Baker), Ltd., M. & B. oral suspension, in containers of 6 oz., 36s. doz., 4s. 6d. (exempt).

Parke, Davis & Co., Vi-Siblin, 4 oz., 24s. doz. (tax 33½ per cent.), i.r.p. 3s. 8d.; 1-lb., 86s. doz. (tax 33½ per cent.), i.r.p. 13s. 2d.

Potter & Clarke, Ltd. From November 1 retailers will receive bonus with orders for products quoted in P.A.T.A. protected list. Full details from the Secretary, P.A.T.A., 43 Gordon Square, London, W.C.1.

Correction to Year-book (Part 2).—Opera Omnia, Ltd., Artoral denture powder retails at 2s. 1½d. including tax, and not as quoted in the P.A.T.A. year book, 1948-49.

BUSINESS CHANGES

ALLEN & HANBURYS, LTD., have appointed Mr. J. Magell, B.Pharm., Ph.C., to their staff.

STANESE, LTD., manufacturing chemists, have removed to 86 Bridge Street, Peterborough (Telephone: Peterborough 3302).

THE COMMERCIAL METAL CO., LTD. (CHEMICAL DIVISION), have removed to Westralia House, 66 Gresham Street, London, E.C.2 (Telephone: Monarch 0211).

MASONS & CO., LTD. (MASONS THE CHEMISTS), South Shields, have transferred their registered offices to 113 King Street, South Shields; the premises at 111 King Street are now being conducted solely as a retail branch. The company's warehouse is at 4 East Street, South Shields.

PRESENTATIONS TO DR. TAIT

PHARMACISTS from all parts of Scotland met in Edinburgh on October 20, to pay tribute to Dr. Joseph Tait on his retirement from the post of resident secretary in Scotland of the Pharmaceutical Society. The guests were welcomed on behalf of the committee of the Edinburgh and South-eastern Scottish Branch of the Society by MR. J. C. SOMERVILLE, who presided. Among those present were Messrs. C. G. Drummond (chairman of the Scottish Executive) and W. A. Beattie (superintendent, Scottish N.H.S. checking bureau), Mrs. J. K. Irvine (a member of the Society's Council) and Dr. David McCall (resident secretary).

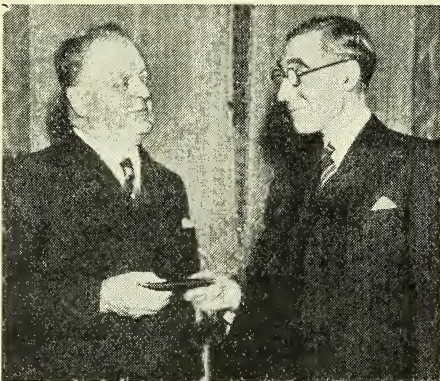
high regard in which Dr. Tait was held by the staff at the headquarters of the Scottish Department.

Honour Appreciated

DR. TAIT, in reply, said he deeply appreciated the honour done to him. The Society's examinations, he said, had often been held under great difficulties. After the 1918 war there had been a great influx of students, and on one occasion there had been a thousand students at the July examination. During the recent war, at a time when London was being bombed, he had received an urgent message, "Can you possibly take the London practicals in Edinburgh?" He had replied "Yes," but that night the south-east of Scotland was bombed and the examinations had been postponed. After paying a tribute to the Society's staff in Edinburgh, he said that despite his retirement from active office, he intended to follow with keen interest the work of the Society and the medical profession. Pharmacy and medicine should be more closely associated. He hoped that branches would have meetings with doctors, and that the Society would meet regularly with the British Medical Association.

Complimentary Dinner

A complimentary dinner to Dr. Tait was given in Edinburgh on October 13, to mark his retirement from the office of resident secretary in Scotland of the Pharmaceutical Society, and as a tribute to his fifty-seven years' service at the Society's Edinburgh headquarters. Mr. C. G. Drummond (chairman, Scottish Executive) presided over a gathering of seventy, and the guests included Messrs. H. Clement Shaw (president of the Society), Hugh N. Linstead (secretary and registrar) and A. I. Millar (Department of Health for Scotland), Sir William M. Marshall (president, Scottish Association of Executive Councils), Professor Sir William Wright Smith (professor of botany, Edinburgh University and Regius Keeper of the Royal Botanic Garden), Dr. C. M. Fleming (principal regional medical officer, Department of Health for Scotland), and Dr. Wilkie Millar (chairman, Scottish Medical Practices Committee). After an introductory speech by the chairman, a toast to Dr. Tait was proposed by SIR WILLIAM WRIGHT SMITH and seconded by MR. LINSTAD.



Dr. Joseph Tait receiving the cheque from Mr. W. A. Beattie.

Gifts of a radio set and a cheque were handed over by MR. BEATTIE, who said many tributes had been paid to their guest. He outlined Dr. Tait's career and remarked on the satisfaction members had experienced in 1939 on Dr. Tait's election to the fellowship of the Royal Society of Edinburgh, putting the seal on a career of great achievement. MRS. IRVINE, representing the Council of the Society, expressed appreciation of Dr. Tait's services in over fifty years in pharmacy.

Messrs. G. MITCHELL, Perth (chairman, Dundee Branch), A. COUTTS, Aberdeen (representing Aberdeen Branch), A. B. GILMOUR, C. BUICK (president, Scottish Pharmaceutical Federation), and C. G. DRUMMOND also expressed greetings and good wishes.

DR. MCCALL read extracts from a list of sixty-eight messages from friends in all parts of Scotland. He also spoke of the

ECHO OF A FAMOUS TRIAL

MORE than one Scottish newspaper has linked the "discovery" of an old facia for "John Currie & Son, Chemists and Druggists," laid bare during the demolition recently of premises of the now extinct pharmaceutical business of John Foster (Glasgow), Ltd., Newton Street and Sauchiehall Street corner, Glasgow, with the name of Madeline Smith, central figure in a famous poisoning case of 1857. The "Sunday Post," for example, refers to the coincidence that the sign, "covering for over a generation the name of Foster," has been exposed to view only a few weeks after a play based on the Madeline Smith case was staged at the Glasgow Citizens' Theatre. For the benefit of those whose acquaintance with famous trials may not reach back so far as ninety-one years, it may be said that Madeline, daughter of a prosperous Glasgow merchant, was accused of poisoning her French lover, "a clerk in humble circumstances," using arsenic purchased from a local chemist. When making the purchase she said she wanted the arsenic "to kill rats," and when requested to sign the poisons register she was not at all unwilling to do so, as will be seen from the Press account below.

Identity of Supplier

Whether the local chemist concerned was, in fact, the proprietor of J. B. Currie & Son, however, is open to doubt. The "Glasgow Herald" (October 12) states categorically:—

John Currie, giving evidence at the trial, said: "... I went forward and asked what she wanted. He (the assistant in the shop) said, "Poison to kill rats." I suggested phosphorus paste; he said she had got some arsenic before. I said to Miss Smith we would much rather give her something else than arsenic. She did not insist on having it, but said she would prefer it. I then objected that we never sold arsenic to anyone without entering it in a book, and that she must sign her name, and state the purpose to which it was to be applied. She said she had no objection to this, and from her apparent respectability and frankness I had no suspicion, and told the young man to give it to her ... I did not hear her say where the rats were."

A correspondent suggests, on the other hand, that another pharmacy taken over by John Foster (Glasgow), Ltd., was, in fact, the one in which the sale was made—namely, the business of Murdoch, chemist, Sauchiehall Street. As our correspondent was for a period the manager of that business after its acquisition, he is presumably in some position to know. He

writes "The old prescription books were still there, with copies of the Smiths' prescriptions." THE CHEMIST AND DRUGGIST, in its issue of July 25, 1925, included a brief account of the career of the Murdoch Brothers—George, William and James—in which the following statement was made:

George Murdoch was a prominent witness in the notorious Madeline Smith case, which took place about 1856; this was one of the most famous arsenic poisoning cases of all time.

A Tribute

John Foster, who eventually acquired both businesses, began his Glasgow association in the Eglinton Street pharmacy of John Currie, now under the proprietorship of Mr. Donald Dick, M.P.S. Our correspondent writes "I am sure many pharmacists who passed through Foster's [John Foster died in 1930, his son, the second John Foster, quite recently; the business was wound up in the early months of the present year] would appreciate a last tribute to one of the best-known and high-class pharmacies of the West of Scotland." The *C. & D.* is, of course, pleased to do this, even at the risk of associating the name of the founder fortuitously—through one or other of two businesses he acquired—with that of a person of whose guilt many remained convinced. [The verdict was one not recorded in English courts—"Not proven"]. Guilty or not, it must be regarded by pharmacists as satisfactory that the correct entries were made in the poisons book by the pharmacist, whether his name were Currie or Murdoch.

A PHARMACIST'S ANTHOLOGY

WESTWARD, and came without a stop
To Mr. Wren the chemist's shop,
And stood awhile outside to see
The tall, big-bellied bottles three—
Red, blue and emerald, richly bright
Each with its burning core of light.
The bell chimed as she pushed the door.
Spotless the oilcloth on the floor,
Limpid as water each glass case,
Each thing precisely in its place.
Rows of small drawers, black-lettered each
With curious words of foreign speech,
Ranked high above the other ware.
The old strange fragrance filled the air,
A fragrance like the garden pink,
But tinged with vague medicinal stink
Of camphor, soap, new sponges, blent
With chloroform and violet scent.

—From "Miss Thompson Goes Shopping," by Martin Armstrong.

PERSONALITIES

MR. R. W. GILLHAM, Ph.C., Leeds, has passed the Fellowship examination of the Royal Institute of Chemistry (special examination in pharmaceutical analysis) held in September.

SIR FREDERICK BAIN, president of the Federation of British Industries, has been appointed a chairman of the British section of the recently formed Anglo-American Productivity Council.

MR. W. R. NICHOLAS, M.P.S. (chairman of the Cornish Branch of the Pharmaceutical Society) has been made a J.P. for Cornwall. Mr. Nicholas is in business at Mevagissey, and is chairman of the St. Austell urban district council.

MR. CHRISTOPHER DOMINICK O'SHEA, Blackpool Bridge, Cork, who was recently appointed to the Council of the Pharmaceutical Society of Ireland (see p. 578), has for many years taken an active interest in the Cork and District Chemists' Association. Mr. O'Shea was apprenticed with Mr. J. T. O'Sullivan, M. P. S. I., Cork, and in 1933 he passed his final examination with

honours. After some years' experience with Mathew Thomas & Co., Ltd., Cork, and the Cork Chemical & Drug Co., he opened his present pharmacy at Blackpool Bridge.

DR. ERNST CHAIN, a member of the Oxford team of workers on penicillin, and winner of the 1945 Nobel prize for work on the chemistry of penicillin was married recently to Dr. Anne Beloff, also a research worker at Oxford. Dr. Chain came to Britain as a refugee in 1933.

MR. JOHN SHIEL, L.R.C.P.I., L.R.C.S.I., Ph.C., P.C., barrister-at-law, has been elected Governor of the Apothecaries' Hall, Dublin. Since 1947 Dr. Shiel has been professor of the materia medica of extra-pharmacopœial drugs and therapeutics at that institution. Among his other activities Dr. Shiel is visiting justice to the Mountjoy Prison. He is the author of a number of papers and publications on therapeutics and forensic medicine.

The retirement of Mr. J. K. WHELEHAN from the Pharmaceutical Council and the

I.D.A. Committee (see *C. & D.*, October 23, p. 548) leaves a void both at Lower Mount Street and Merriion Square (writes a colleague) that it will be hard to fill. Mr. Whelehan (known among his many friends as Kevin), as president of the Society, achieved many notable changes, and he was, for example, the first man to surround the conferring of the Licentiate with due dignity and ceremony. The pharmacists in rural Ireland had in him a doughty champion in his fight to preserve rights that were being assailed. His decision to retire to the Pharmaceutical business established by his father at Mullingar came as a surprise, and was a cause of regret, to his colleagues on the Council and in the I.D.A. He came to the Council at the age of twenty-five years, and from the beginning his aims included increasing the prestige of pharmacists, lectures in ethics and a code for pharmacists, closer co-operation with the University authorities in educational matters, and the creation of an Educational Advisory Council which included National authorities.

DR. GEORGE H. MACMORRAN, Ph.C., who has been appointed assistant resident secretary in Scotland of the Pharmaceutical Society (see *C. & D.*, October 16, p. 511), was laboratory manager of Duncan, Flockhart & Co., Edinburgh. He was apprenticed with the late Mr. P. M. Duff, M.P.S., Glasgow (a former secretary of the Glasgow and South-western Scottish Branch of the Pharmaceutical Society), and in 1929, won the Kinninmont scholarship. After studying at the Royal Technical College, Glasgow, he qualified



a chemist and druggist in 1931 and as Pharmaceutical Chemist the following year. He obtained his Diploma in Biochemical Analysis in 1939. Before joining the staff of Dundee Technical College in 1933 as an assistant lecturer in the school of pharmacy, he served for a year as a mail manager in Glasgow. In 1938 he was appointed assistant laboratory manager of Duncan, Flockhart & Co., and in 1947 was promoted to his present post. During the period 1932-33 Mr. MacMorris served as librarian of the Glasgow Branch of the Society, and from 1945 as a committee member of the Edinburgh and South-eastern Branch. He is a past-president of Edinburgh Chemists', Assistants' and Apprentices' Association, and a member of the Pharmaceutical Society's board of examiners for Scotland. He has contributed several original papers to scientific meetings of the Society in Scotland.

DOCTORS AND D.D.A.

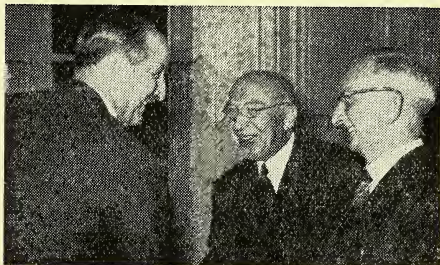
THE Home Office recently issued a new edition of its "Memorandum as to Duties of Doctors and Dentists," which is an explanation of the requirements of the Dangerous Drugs Acts, 1920-32 (D.D. 101 [5th Edition], H.M. Stationery Office, price three-pence). The memorandum includes lists of drugs to which the Acts apply and of exemptions; an explanation of how a prescription for a Dangerous Drug must be written; a statement on the procedure for obtaining and storing supplies, and the records to be kept; and an account of the precautions necessary in the use of Dangerous Drugs in medical practice. The memorandum also includes, in an appendix, an extract from the report of the departmental committee on morphine and heroin addiction. Appendix B is a complete list of Acts and Regulations affecting Dangerous Drugs. The section on prescription writing includes the following passage:—

"The Home Secretary desires to impress as strongly as possible on doctors and dentists the importance of their observing the requirements strictly when giving a prescription. Any irregularity on the part of the doctor or dentist may lead to delay in the patient obtaining the medicine prescribed for him; and it is extremely unfair to the chemist that he should be placed in the position of either delaying an important prescription and possibly offending the doctor or dentist, or committing a breach of law. The Home Secretary has reason to believe that there are still numerous irregularities in giving prescriptions for the drugs, and representations have been made to him by chemists as to the difficult position in which they are placed, and, he is afraid he

must add, the annoyance or resentment displayed by doctors and dentists in many cases at being asked to correct the irregularities of their prescriptions."

LEICHTNER 75th ANNIVERSARY

A GATHERING of about 200 of the leading actors and actresses of the stage, screen and television were present by invitation at a luncheon at the Savoy Hotel, London, W.1, on Tuesday, October 19, given by L. Leichter (London), Ltd., 32 Acre Lane, London, S.W.2, to celebrate the company's seventy-fifth anniversary. The managing director (Mr. Stephen Pollitzer) and Mrs. Pollitzer received the guests. Sir Kenneth Barnes presided. Among the guests were Mr. Harold Wilson (President of the Board of Trade), Mr. J. Arthur Rank, Mr. A. Beverley Baxter, and Mr. C. Monier-Williams (Board of Trade).



Mr. Stephen Pollitzer, with Mr. John Wheatley, receiving Mr. J. Arthur Rank

THE CHAIRMAN (SIR KENNETH BARNES) in proposing the toast "The House of Leichter" said that when Leichter commenced making cosmetics and make-up materials their use, outside the theatrical profession, was to a very large extent frowned upon. Conditions had changed very much since those far-off days and make-up was now in general favour and use. From the pioneering days of 1873 right through to the present time Leichter products had held the confidence of the profession and the public. MR. STEPHEN POLLITZER, responding, said he and his company were gratified at having the company of so many distinguished guests. MR. HAROLD WILSON (President of the Board of Trade) congratulated the company on reaching its seventy-fifth birthday and commented on the important part cosmetics played in make-up for the screen. "Efficient materials, properly applied, were," he said, "a leading factor in the successful production of British films."

TOILET PREPARATIONS AND PERFUMERY MANUFACTURERS' FEDERATION

THE following extracts are taken from the third annual report (1947-48) of the Toilet Preparations and Perfumery Manufacturers' Federation of Great Britain, presented at the fourth annual general meeting of members, held in London on Thursday, October 21.

Last year's review of the trade referred to the unexpected setbacks which had occurred to retard the industry's progress in post-war rehabilitation, and concluded with the expectation that the industry would enter 1948 with a heavy task before it, although, in view of the industry's achievements in the past, there was every reason for a confident approach to the problems which would present themselves. These expectations were not belied though 1948 developments did not quite take the course anticipated. Following on the annual general meeting, a series of discussions took place with the Board of Trade upon the policy to be adopted regarding the rate of licensing home trade and the continuance of control of manufacture and supply. It came as a shock to the industry to learn from the Board's announcement at the beginning of the year that control would be maintained at the existing rate of licensing, namely, 75 per cent. of standard period (1939-40) figures with the addition of extra quota earned under the export bonus scheme. From then onwards the Federation made every effort to obtain an increased rate of licensing, urging that a progressively increasing rate of home supply was both justified by conditions and essential to the smooth transition of the industry to full rehabilitation. As a result of long hours of negotiation the Board finally agreed to review the system of licensing and to simplify the operation of the export bonus scheme. The first stage came into effect in April, when licences were increased to 100 per cent. of the pre-war basis, coupled with the raising of the "minimum" to a rate equivalent to £2,000 a year.

Virtual Decontrol

For those manufacturers whose export trade was of reasonable proportions this meant virtual decontrol but with many safeguards: so long as home trade remained controlled, the Board of Trade were willing to protect the industry from competition on the home market from various foreign houses who were applying to

manufacture and supply home trade in the United Kingdom. Small manufacturers were also given some assistance by the new high "minimum." It must also be noted that the Board's views were not entirely in line with those submitted by the industry but they were compromised by including in the final scheme several suggestions submitted by the Federation. The second stage of the new scheme was intended to come into effect on July 1, providing for optional home trade rates either at 100 per cent. or at the old 75 per cent. but with more advantageous export bonus rates. In June, however, further discussions were initiated at this time by the Board of Trade, which largely as a result of the internal Commission on Controls generally set up by the Government, inquired what the industry reaction would be to early complete decontrol. A compromise was mooted involving decontrol from September 30, but due to the way in which the Board of Trade proposed to operate it, this would have meant immediate decontrol, the idea being to maintain nominal licensing but with a "gentlemen's agreement" that no manufacturer would in practice supply more than he was licensed for. The Federation maintained that such a position was untenable, and ultimately decontrol became operative from July 1, 1948.

Export Difficulties

In the export field, the immediate post-war artificial "seller's market" condition has gone. Import restrictions everywhere have curtailed export opportunities and, in those markets which are still free to purchase, buyers are becoming more and more selective and competition between suppliers is correspondingly keen. Throughout the year, therefore, export has become increasingly difficult, particularly for the small manufacturers. The result is that, although the total export figure for the industry is not so high as the target set, £400,000 per month, it is hoped that by the year end the industry will have maintained its 1947 figure of £3,439,515. Since this target was set in 1947, export conditions have changed in a way that was not foreseen and which is not within the industry's control. The Federation has never lost any opportunity of stressing to the Board of Trade how vitally necessary it is to have their assistance in securing the re-opening of over-

as markets which have become "closed" markets, and it is with some gratification at the Council report that, due to these representations, the industry has been borne in mind in various trade negotiations, with the result that goods can now be shipped to several countries into which it was impossible to obtain entry in 1947. It is true that the aggregate monetary value is small, but there is every reason to hope that when these treaties come up for revision the figure will be increased: some doors have in fact been opened, however slightly.

Summing up, it has been a difficult year for manufacturers—even more difficult perhaps than the previous year, but again it has demonstrated that the industry can show its resilience to adverse conditions.

Price Control

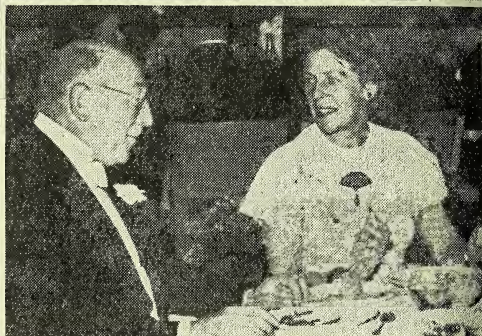
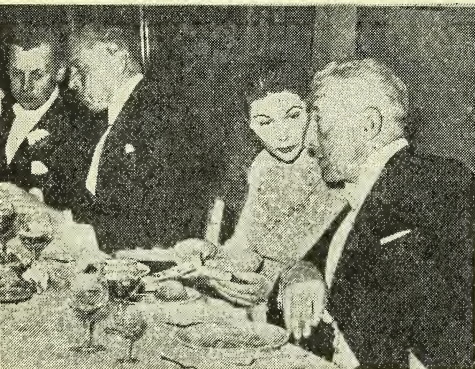
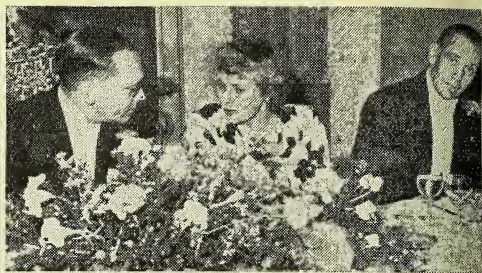
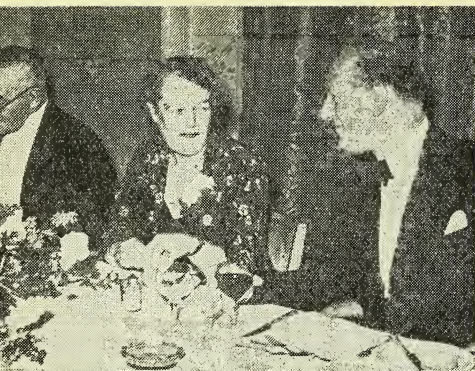
In March the industry was advised of the "Miscellaneous Goods (Maximum Prices) Order, 1948." Fortunately, the industry had an opportunity of seeing this Order before it was published, and in view of its anomalous provisions, representations were made to the Central Price Regulation Committee forthwith by the Federation in conjunction with the Proprietary Articles Trade Association. As a result of these negotiations and other protracted discussions by the Government with other trades, the original Order never became operative, and many of the criticisms which had been made to the Board of Trade were met in the subsequent Order which became operative on April 26. Prior to the introduction of the second Order, no effort was spared to get the industry taken outside the Order, as it was felt that it would not be a practicable or workable measure for the perfumery and toilet preparations industry. At that time, however, the industry was still controlled and competition was not unrestricted, and the case was not so strong as that which the Federation was later able to advance. The main anxiety caused by the Order is its effect upon new lines, on which profit is confined to 5 per cent. on the manufacturers' costs and selling expenses. Established lines and lines "similar" to them may, however, be sold at existing prices.

The difficulties which arise relate therefore to the interpretation of the word "similar," and from this point of view the Order has been a stumbling-block to many manufacturers; furthermore, the Order is particularly unfortunate in so far as it tends to discriminate between one class of manufacturer and another. It is obvious that a

manufacturer who, in the 1948 period, had a very large range of toilet preparations on the market is in a far more favourable position to introduce lines which can be interpreted as "similar" than those manufacturers who, through force of circumstances or other reasons, were only marketing a few lines. When the original Order was introduced, the President of the Board of Trade stressed that these provisions had been inserted in order to ensure that the object of the scheme, namely to "freeze" prices, was not circumvented. Nevertheless, it penalises toilet preparations manufacturers very severely and seriously hampers export development because of the obstacles it creates to the introduction of new lines. This subject is one of the outstandingly important questions which the Council is tackling: every possible effort has been and will be made to get toilet preparations and perfumery removed from the schedule to the Order.

Purchase Tax

The Subcommittee are fully convinced that it is wrong to classify toilet preparations as luxuries while they are virtually necessities in a modern standard of living, and throughout the year the Federation has continued to press its claim for the recognition of toilet preparations as more essential goods which should bear a proportionately lower rate of tax. As the year progressed it became increasingly evident that retailers generally were not prepared to hold more than an absolute minimum of stock in case there was a further reduction in tax; the position is understandable, as many retailers were holding large stocks in April and the reduction at that time caused them to suffer a serious loss. This creates in turn real difficulty for the manufacturer, since he cannot move his stocks and his whole production programme is thrown out of gear. This is a problem quite distinct from the case for a reduction of tax, and the Subcommittee are endeavouring to find a plan that will be acceptable to both the Government and the retail trade whereby confidence in buying can be restored. During the course of the Subcommittee's examination the question of introducing a sales tax in place of purchase tax has been fully explored, but having regard to the present method of collection of the tax which operates so satisfactorily, from The Customs and Excise point of view it is not felt that there is any chance of a change being made, at any rate, for a considerable period.



Above. 1. Mr. L. F. Matchan (president), Mrs. Harold Wilson and Mr. A. J. E. Madden (chairman). 2. Mr. and Mrs.

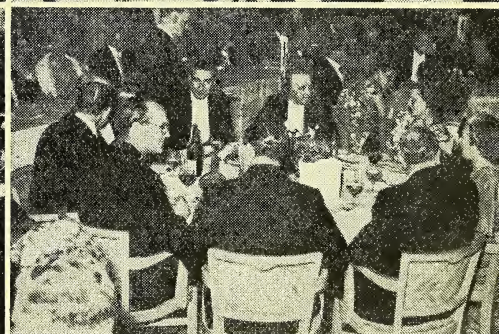
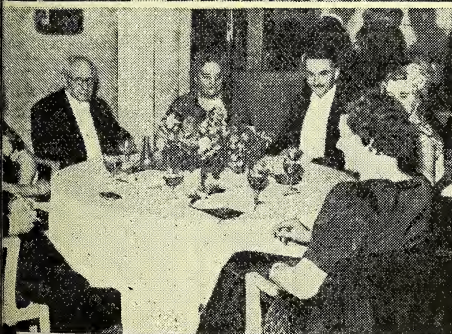
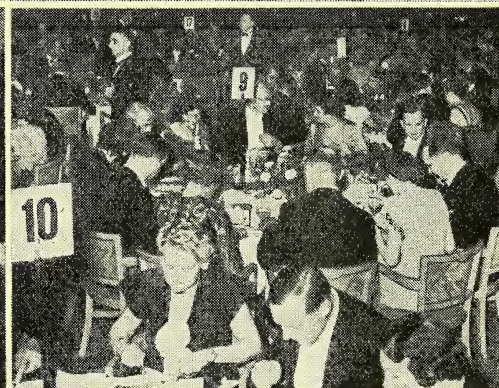
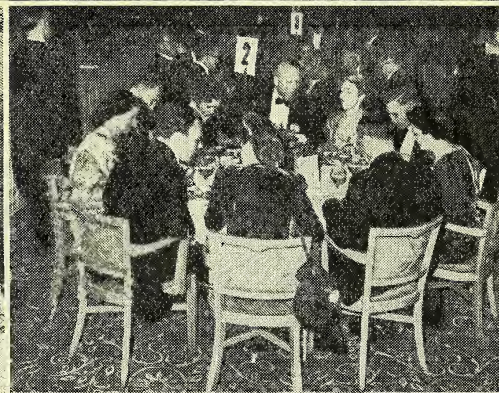
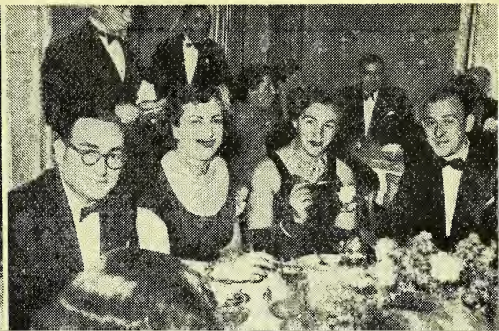
Stephen Pollitzer. *Left.* 1. Mr. R. G. Dyas and Mr. and Mrs. G. M. Roberts. 2. Mr. J. W. Middlemiss, Mr. and Mrs. Mark Verdy and Mr. H. F. Poulson. *Below.* General view of the function. *Right.* Snap-shots of some of the tables.

Cosmetic Manufacturers' DINNER

(The Toilet Preparations and Perfumery Manufacturers Federation of Great Britain)

London _____ October 21, 1948





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Examinations of the Pharmaceutical Society

Bookings for Oct., 1949 — June, 1950 Session proceedi

BLACKBURNE PLACE, 8

IT has come to the notice of Palestine Potash Limited, who are the Sole Concessionaires for the manufacture and sale of potash, bromine and other like substances obtained from the Dead Sea, that goods which have not been acquired from the Company in the ordinary course of business, are being offered for sale as Palestine potash and Palestine bromine. Any person or Company who may be offered for purchase any of the substances referred to, are requested, in their own interests, before entering into any contracts of purchase, to communicate with the Company.

Dated the Twentyfifth day of
October, 1948.

For and on behalf of
PALESTINE POTASH LTD.

G. A. STOLAR, Secretary

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Official organ of The Pharmaceutical Society of Ireland, The Pharmaceutical Society of Northern Ireland, The Chemists' and Druggists' Society of Ireland and of other Chemists' Societies in the Empire.

VOL. CL OCTOBER 30, 1948 No. 3584

Not Yet "Out of the Wood"

DURING the war and the immediate post-war years the activities of most trades and industries were to some extent restricted and directed, but no industry has suffered more from controls, restrictions, "concentration" and high-level taxation of its productions than the makers of toilet preparations and perfumery. During the war their goods were designated "non-essential" and production for home use was slashed to token quantities; now their products are classed as luxuries and carry the maximum rate of purchase tax.

Although the limitation of production and home sales was lifted last July the industry is still not wholly free from controls and its goods continue to carry the excessive burden of 100 per cent. purchase tax. They are also liable to some extent to price control under the Miscellaneous Goods (Maximum Prices) Order which came into operation last April. The views of the industry on these matters are clearly indicated in the third annual report of the Toilet Preparations and Perfumery Federation (p. 570) and they were also the subject of reference in speeches made at the Federation's annual dinner. On purchase tax, the Federation disputes the classification of its members' goods as luxuries and their taxation as such, and, so far unsuccessfully, has appealed for a change in the method or point of collection of the tax.

On the first point an exceptional case can be made out in support of a claim for a substantial reduction in the rate of tax.

It is, of course, not helpful to give an industry freedom of production and authorise unrestricted business in the home market and, at the same time, levy a tax of such severity on its goods as to limit sales to the absolute minimum. No industry which is crippled in this way in its domestic market can possibly attain anything but secondary results in the export field, however efficient and enterprising it may be. On the second point, regarding the method and point of collection of the tax, the Federation's report states . . . "many retailers were holding large stocks in April and the reduction at that time [the tax was reduced from 125 to 100 per cent.] caused them to suffer a serious loss. This creates in turn real difficulty for the manufacturer, since he cannot move his stocks, and his whole production programme is thrown out of gear" . . . The losses incurred by retailers referred to are not the only reason why their orders are for minimum quantities. Retailers are called upon to pay the full amount of the tax with the invoice for their goods. Today, chemists have not only to finance the payment of purchase tax on the majority of the wide range of goods they sell, but they have also to finance their substantial purchases of drugs and medicines used in N.H.S. In the first instance, their capital is locked up until such time as they may sell the goods over the counter, and in the second, until they receive payment from the Ministry.

Maximum Prices Order

In his speech at the Federation's dinner the President (MR. L. J. MATCHAN) appealed to the President of the Board of Trade to exclude the Federation's goods from the provisions of the Miscellaneous Goods (Maximum Prices) Order. In his reply, Mr. Harold Wilson said he thought their request might be met if the industry, in support of the Government's policy to keep down prices, would agree to a general cut of ten per cent. in their sales prices! Had there been another speaker to follow from the Federation we feel sure he, in turn, would have suggested to Mr. Wilson that the trade would be glad to fall in with his proposal provided the Government made a reduction in income tax that would permit them to do so.

Exports in September

THE aggregate of United Kingdom exports of all classes of merchandise in September of £136,265,612 was £1,611,758 above that of August, but the rate per working day was $4\frac{1}{2}$ per cent. and 8 per cent. below the July and June levels respectively. On the other side of the account, total imports for the month at £169,377,077 (against £173,756,546 in August) were the lowest since February. The visible adverse balance fell to the level of early 1947.

Exports of chemicals, drugs and allied products in September totalled £7,522,145 compared with £7,021,384 in August, and the rate per working day in September was slightly higher than in the previous month. The value of drugs and medicines exported totalled £1,380,326 in September (August, £1,236,866), of which amount £428,236 was contributed by proprietary medicines. Exports of aspirin in September amounted to 118,051 lb., valued at £26,355. Individual totals for other medicinal products were: Insulin, 753,192 international units (£28,974); penicillin, 323,340 mega units (£135,076); ointments and liniments, 3,574 cwt. (£63,270); quinine and its salts, 192,206 oz. (£36,393). Principal buyers of medicinal products included India and Pakistan, South Africa, West Africa, Egypt, Malaya and Eire. Exports of disinfectants, insecticides, sheep and cattle dressings, etc., amounted to £374,028, compared with £245,629 in the previous month; salicylic acid and salicylates totalled £32,972 (August, £30,955); tartaric acid, £22,956 (£7,331); and perfumed spirits, £62,147 (£66,603).

There was a slight falling-off in shipments of perfumery and toilet preparations which totalled £223,425, against £242,951 in August. Tooth-pastes, etc., amounted to £37,383, and cosmetics to £65,086. Exports of essential oils increased from £36,657 in August to £42,558 in September. Toilet soap shipments were valued at £103,953. Re-export totals were: Crude drugs, £10,654; manufactured medicines, £40,304; and essential oils, £6,570.

In announcing at a Press conference on October 25 export targets to the end of 1949, the President of the Board of Trade said that most foreign markets would take

more chemicals than were available, particularly items regarded as essential. More difficulties had been encountered, however, in exporting proprietary products. The chemical industry had been able to save Britain dollars by producing an increasing quantity of raw materials for other industries. The revised target for the chemicals group is now £8.05 millions per month (184 per cent. of 1938 volume) for the end of 1948. By the end of the following year it is expected that exports will have risen to £9 millions per month (206 per cent. of 1938 volume). In the third quarter of 1948 the industry has achieved an average of £7.37 millions per month (162 per cent. of 1938 volume).

Cancer Hazards from Tar

A REPORT published in the "British Medical Journal" (September 25, p. 601), by a worker at the Oxford University Research Centre of the British Empire Cancer Campaign shows that liquor picis carbonis, B.P., has cancer-producing properties when painted on the skin of mice. Although a true picture of the possible danger to human beings in the use of this galenical will only be obtained from a systematic examination of patients for whom liquor picis carbonis has been prescribed, the precaution of avoiding continuous application of the preparation is rightly recommended. The most serious danger may be found to lie in the continuous use of the substance (or preparations incorporating it) in circumstances where medical supervision is not given.

The precise nature of the cancer-producing substances in liquor picis carbonis has yet to be determined. The results of estimations conducted by the author show that the content of benzpyrene, a potent carcinogen, is much lower in the tar of liquor picis carbonis, B.P., than in carcinogenic tars examined by other workers. The results indicate, therefore, that benzpyrene is only partly responsible for the high carcinogenic potency of the preparation. The identification of the other substance or substances provides yet another channel for medico-pharmaceutical research of an urgent character. Risks arising from the handling of tar and pitch by industrial workers are of a somewhat similar kind.

SCOTTISH DEPARTMENT OF THE PHARMACEUTICAL SOCIETY

Meeting of Executive

A meeting of the Executive of the Scottish Department of the Pharmaceutical Society, held in Edinburgh on October 13, was presided over by Mr. C. G. DRUMMOND, who was in the chair. He welcomed the president of the Pharmaceutical Society (Mr. H. Clement Shaw) and the secretary (Mr. H. N. Linstead). On the invitation of Mr. DRUMMOND, Mr. Shaw occupied the chair. Dr. McCall (resident secretary) reported that Dr. Elliott could not hold a class for candidates for the Diploma in Biochemical Analysis; extensive alterations were going on in the laboratories normally used for the purpose.

Local Organisation

The question of distribution of membership in branch areas, said Dr. McCall, had been introduced by Mr. Macfarlane at the Branch Representatives' meeting in June. Mr. DRUMMOND pointed out that the difficulty in Scotland was that there were five branches, covering very wide areas. The areas were felt to be geographically too large, though branches had made attempts to hold local meetings in various parts of their areas. As a result of a paper delivered by Mr. Macfarlane, the matter had been submitted to the Executive, and Mr. Drummond suggested that a committee should be appointed to go into the whole question. The PRESIDENT asked if the committee could be representative of each area, and the meeting adopted Mr. Drummond's suggestion that the branch secretaries should form the committee, which should have wide powers and report back its findings to the Executive. Mr. DRUMMOND said the question of the Scottish membership of the Society's Council in London had been discussed at the annual meeting and eventually remitted to the Executive. He thought a subcommittee should be formed to consider the question, and the meeting agreed to appoint the chairman and vice-chairman (*ex officio*) and Messrs. Meldrum, Meldrum and Thomas to the subcommittee.

Methylated Spirit Forms

After it had been reported that methylated spirit forms had been issued to all chemists in business in Scotland on September 15, Mr. A. A. MELDRUM asked Mr. Linstead if there were no alternative to having a certificate referred to a Justice of the Peace.

Would it not be possible for the registrar to issue to each authorised person a certificate saying he was actually on the register on a particular date? Mr. Linstead said the point had been argued with the Home Office in 1932. The difficulty was that the qualification for selling methylated spirit was being an "authorised seller of poisons," not merely somebody who held registered premises and was a pharmacist—he must be, in addition, in complete control of the business so far as it related to the distribution of drugs. Mr. Linstead emphasised that pharmacists enjoyed preferential status and had professional recognition; they had the right to sell methylated spirit—the Justice of the Peace had merely to certify that the pharmacist was the person he said he was.

It was reported that there had been sixteen new apprentices in Scotland since July, making eighty-six since July 1947.

The PRESIDENT of the Society gave a report on the British Pharmaceutical Conference held at Brighton in September. He referred to the presence of foreign delegates, including the presidents of some ten European pharmaceutical societies. He felt pharmacy was getting to the stage at which there might soon be one big family rather than individual pharmaceutical societies.

Benevolent Fund

The RESIDENT SECRETARY asked if the practice of asking the divisional secretaries in Edinburgh to collect Benevolent Fund subscriptions in their areas should be continued. Mr. DRUMMOND said the method had been successful in the past and was a link between members and headquarters. The PRESIDENT suggested that while, under the new health services, a certain amount of charity had been taken out of the hands of the individual and placed in the hands of the Government, it was possible that the individual's attention would be called more and more to the benevolence of service rather than the cash. He reported on the work done by the Society's convalescent home, and pointed out that many of the Society's branches in England had, by means of social activities, provided gifts for it, and recommended that money previously given to hospitals, etc., should now go to the Benevolent Fund and to help the Society's convalescent home. On the motion of Mr. DRUMMOND, a vote of thanks was extended to the president.

PHARMACEUTICAL SOCIETY OF IRELAND

MR. P. A. BRADY (president) was in the chair at a meeting of the Council of the Pharmaceutical Society of Ireland held in Dublin on October 12. Also present were Messrs. T. C. Scott (vice-president), J. Gleeson (treasurer), P. C. Cahill, C. J. Cremen, F. X. Meagher, P. Fullam, Senator F. Loughman, G. C. O'Neill, R. Daly, P. Brooke-Kelly, H. P. Corrigan, T. B. O'Sullivan, M. Power, J. A. O'Rourke, M. Costello and J. P. Kissane. Apologies for absence were received from Messrs. N. A. McKane, A. A. Toher and P. F. McGrath.

Officers re-elected

MR. SCOTT, proposing the re-election of Mr. Brady as president for another year of office, said that last year when he had put forward, and the Council had accepted, Mr. Brady's name, he had felt that a wise choice had been made. During the past year Mr. Brady had conducted the proceedings of the Council with courtesy and efficiency, and had, indeed, made an excellent president. He had attended many outside meetings relating to the profession, and had not spared himself. MR. DALY, seconding, endorsed Mr. Scott's remarks. Amidst applause Mr. Brady was unanimously re-elected *President*, and he thanked his proposer and seconder, and the Council. He would do his best, he said, to fulfil the obligations which lay upon him.

Moving the re-election of Mr. Scott as vice-president, THE PRESIDENT said that during the past year Mr. Scott had been a very able lieutenant, always there with sound advice when wanted. MR. FULLAM seconded, and Mr. Scott was unanimously re-elected *Vice-president*. MR. O'NEILL, proposing Mr. Gleeson's re-election as treasurer, said Mr. Gleeson's long service on the Council and excellent handling of the Society's finances well fitted him for the office. Seconding, MR. CAHILL said Mr. Gleeson was a first-class treasurer. MR. GLEESON, who was then declared re-elected *Treasurer*, said that tributes paid to him were in the main due to the registrar (Mr. Coleman), as through circumstances outside his control he had been unable to give to the work during the past year as much attention as he would have liked. He hoped, however, to do better in the year ahead.

Messrs. F. X. Meagher, C. J. Cremen, and P. C. Cahill, with the officers, were re-elected to the *Benevolent Fund Committee*. Messrs F. X. Meagher, P. C. Cahill, C. J.

Cremen, T. B. O'Sullivan, and H. P. Corrigan, with officers, were elected as the *Certificates and Declarations Committee*. It was agreed that all the members of the Council should constitute the House, Library and Schools Committees.

MR. DALY said exception had been taken in Cork to a statement, in a recent Council report, that the Education Committee was confined to Council members in the Dublin area. It was felt that provincial members should be eligible for so important a committee. THE PRESIDENT said it was not his intention to exclude provincial members; they could attend. Every effort would be made to hold Education Committee meetings at a time convenient to country representatives. The Council then agreed that the *Education Committee* should consist of members of the Council. Visitors were appointed to the October licence and assistants' examinations.

A letter was read from the International Pharmaceutical Federation stating that an international meeting of pharmacists was to be held in the Southern States of America at the end of October, or the beginning of November. The letter was noted. MR. R. N. Halliday (Customs and Excise Preventive Staff Training Centre, Dublin Castle) wrote thanking the Council for having offered to permit pre-arranged visits to schools to enable officers in training to prove their knowledge of drugs by visits.

Changes in Register

Applications from Mesdames Barry (Carey), M.P.S.I., and N. Byrne (Lyons), M.P.S.I., requesting change of name in the register on marriage, were granted. The following preliminary registrations were notified: Declan P. Broderick, James Burke, Bridget M. Gilmartin, James Hogan, Mary J. McGarry, Patricia McDonnell, Mary I. Murphy, Josephine O'Brien, Timothy A. O'Brien, John O'Farrell, Joseph Swanton, Ellen Scanlon, Padraig Walker, James J. Phelan, Marie Ronaghan, Margaret McGuinness, Alice Fleming and John M. Daly.

The following changes of address were notified:—Mr. Patrick Boyd, M.P.S.I., Bridge Street, Belturbet, co. Cavan; Dermot J. Duane, M.P.S.I., to the Medical Hall, Kilbeggan, co. Westmeath; Mr. F. Gallagher, L.P.S.I., to 85 Moyne Road, Rathmines, Dublin; Mr. R. A. Hall, L.P.S.I., to 164 Park Street, Belgrave.

Johannesburg, South Africa; Mr. Timothy Meyer, L.P.S.I., to c/o Boots, Ltd., Walworth Road, London, S.E.17; Mr. Joseph Phelan (assistant), to Donabate, co. Dublin.

The reports of the House, Schools, Law, and Education Committees were submitted and approved. The House Committee recommended that a heraldic design should be sought to replace the existing badge of the Society.

Language Regulation Proposal

MR. O'NEILL proposed a motion, standing in his name, to amend the preliminary regulations (p. 67 of the Book of Acts and Regulations) by adding to paragraph (a): "When a candidate is a national of a foreign country, the Council at its discretion may accept a certificate without Irish, provided such a certificate is of a standard equivalent to the matriculation certificate of the National University of Ireland, and provided always that the candidate is a national of a country where the licence examination of the Pharmaceutical Society of Ireland is recognised. That the seal of the Society be affixed hereto." The regulation as it now stood, Mr. O'Neill said, was somewhat narrow and insular, and it should be possible to take a slightly broader view on the question of the language. In putting forward the motion he was in fact acting for the Education Committee. The National University made certain exemptions affecting the Irish language for students living outside the country, and he understood that the Department of Education intended, under certain conditions, to admit students who had no knowledge of Irish.

MR. MEAGHER, seconding, pointed out that under the amendment proposed the Council retained discretionary powers. The proposed change would do nothing to increase the number of persons practising pharmacy. MR. O'ROURKE said he favoured the general principle of the motion but felt the Council should have something official from the country that was prepared to accept their qualification. SENATOR DOUGHERTY said that, in view of the present over-crowding in the Society's schools, there was a danger that the entry of any large number of outsiders would increase the difficulties. MR. MEAGHER said the Society had discretion to refuse applications where the classes were filled by students from Eire. Then MR. POWER expressed concern over non-nationals engaging in business after obtaining their pharmaceutical qualification,

MR. O'NEILL said the Department of Justice, under the Aliens Act, would control such a situation. After further discussion the amendment (subject to the sanction of the Minister for Justice) was adopted.

New Councillor Appointed

For the vacancy on the Council created by the death of Mr. B. Sullivan, Mallow, MR. DALY proposed Mr. Dominic O'Shea, Blackpool Bridge, Cork. It was the wish of the profession in Cork, said Mr. Daly, that Mr. O'Shea should fill the vacancy as he represented closely the same interests as had the late Mr. Sullivan. MR. KISSANE seconded, and the nomination was carried unanimously.

MR. J. K. Carvill, M.P.S.I., was re-elected *Pharmacy Examiner* for the year beginning January 1949, and Mr. A. F. Collins, M.P.S.I., B.Sc., re-elected *Materia Medica and Botany Examiner* for the year beginning October 1948.

The licence certificates of the following were signed and sealed: Messrs. Peter J. Finnerty, Denis F. O'Hare, John Roche, Daniel Sheahan, and William Smith. The following were elected members: Messrs. P. A. Moran, T. M. Moylett, W. O'Donnell, L. J. Manley, P. G. Garahy, H. M. Weir and F. O'Brien, and the Misses A. P. Moriarty and M. M. G. Kyne. Nominations for membership were for Lieutenant Bernard J. Anderson, Customs Barracks, Athlone, and Messrs. Denis F. O'Hare, Millstreet, co. Cork, and John Costello.

New B.P. Now Official

At question time, THE REGISTRAR (Mr. James G. Coleman), replying to Mr. Cahill, said that following a notice in the Official Gazette, the new British Pharmacopoeia had become official in Eire from September 1. Messrs. KISSANE and POWER drew attention to a letter recently received from a large Dublin wholesaler intimating that, on the instructions of the Department of Agriculture, supplies of penicillin serum could not be supplied to pharmacists direct, but only to veterinary surgeons. The Council took a serious view of the development and, after a lengthy discussion, decided upon a course of action in conjunction with the Irish Drug Association Joint Committee. The question of the sale of streptomycin through retail chemists was also fully reviewed.

At a meeting of the Benevolent Fund Committee held following the Council meeting some grants were passed for payment.

PHARMACEUTICAL SOCIETY OF NORTHERN IRELAND

October Council Meeting

A MEETING of the Council of the Pharmaceutical Society of Northern Ireland was held in Belfast on October 15, the president (Mr. John McGregor) in the chair. Also present were Messrs. H. H. Cowzer (vice-president), P. R. W. Shinner (treasurer), S. E. Campbell, H. F. Moore, W. H. Boyd, H. W. Gamble, W. P. Ewart, H. P. Crossin, J. McDowell, C. Abernethy, Walter C. Tate, Professor E. B. C. Mayrs, Professor J. Small and Mr. W. Gorman (secretary). An apology for absence was received from Mr. J. Irwin.

The secretary read an acknowledgment of a message of sympathy sent to the relatives of the late Mr. W. S. Taylor, Enniskillen (a past-president of the Society). It was agreed that the Ulster Chemists' Association should be allowed the use of the Society's hall for its annual meeting on November 17. Mr. H. F. Moore was appointed as a representative of the Society on the Guild of Queen's University, Belfast, in succession to the late Mr. James Glendinning. The application of Mr. J. W. H. Gregor, Ramsey, Isle of Man, for registration under the reciprocity agreement with the Pharmaceutical Society of Great Britain, was granted.

Examinations and the New B.P.

The minutes of the Education Committee recorded a recommendation that in the Final Qualifying examinations in June and December, 1949, there should be optional questions on the old and new pharmacopœias. The British Pharmacopœia, 1948, would be compulsory as from the June 1950 examination. The Committee recommended that apprenticeship certificates should be granted to Brian P. H. Brooks, Enniskillen, Patrick J. Donnelly, Omagh, Mary T. Duffy, Londonderry, John C. Dundee, Ballyclare, William R. M. Horner, Belfast, William T. Hunter, Money more, Cecil R. Irvine, Enniskillen, John G. Kennedy, Larne, William B. Mallon, Coagh, Leo M. Mason, Belfast, Patricia J. Milne, Bangor, Alphonsus Murphy, Magherafelt, Catherine J. McCurry, Dungannon, Marie J. McDevitt, Lisburn, George T. Nelson, Belfast, Mary B. J. O'Neill, Lisnaskea, Edgar F. R. Simmons, Belfast, Rowland T. Watson, Londonderry, Desmond P. Bartley, Belfast, Frederick A. Dunn, Armagh, John C. Gouk

and Irvine Robinson, Belfast. The report was adopted on the motion of MR COWZER, seconded by MR. EWART.

The Law Committee recommended that a full review of educational policy should be made with a view to the introduction of amending legislation to ease some of the difficulties now being met with by chemists and students. It also advised that the president, vice-president, Mr. Gamble and the secretary should confer with the Society's solicitor to draft, for submission to the Ministry of Home Affairs, an amendment dealing with the number of shares to be held by chemist managers of new limited companies. It was also decided that, as the question of asking for legislation to control the number of pharmacies in certain districts had already been before the Government without success, no further action could be taken. The report was approved.

THE SECRETARY reported that steps had now been taken to ascertain the cost of silver gilt medals for examination awards and silver gilt past-presidents' badges. MR. BOYD proposed, and MR. EWART seconded that the Society's solicitors should be instructed to demand a withdrawal and an apology from an insurance company which was reported to have sent out a circular bearing the name of the Society when permission to do so had been refused.

Committees Appointed

The following committees were appointed: *Education*, Messrs. Boyd, McDowell, McGregor, Irwin and Tate and Professor Mayrs; *Law*, Messrs. McGregor, H. F. Moore, Gamble, McDowell and Irwin, and Dr. Heazley; *Finance*, Messrs. Tate, McDowell, Crossin, F. R. Moore, Campbell and H. F. Moore; *House*, Messrs. H. F. Moore, Abernethy, F. R. Moore, Irwin, Gamble and Ewart; *General Purposes*, Messrs. H. F. Moore, Boyd, Irwin, Gamble, Abernethy, Ewart.

Ulster Associates. — The Associates Committee of the Ulster Chemists' Association has approved applications for associate membership from: Mr. George Mooney (pharmaceutical chemist); Miss B. Gallagher and Mr. P. Patton (assistants); the Misses B. Bryson and Margaret Davis, and Messrs. J. A. Darmody, Ivair Wellwood and P. Milne (apprentices).

LECTURE ON 1948 PHARMACOPŒIA

MEETING of the North Metropolitan Branch of the Pharmaceutical Society on October 12 was addressed by Mr. T. C. Denston, B.Pharm., Ph.C. (editor, British Pharmacopœial Codex), who gave a review of the British Pharmacopœia, 1948. The Pharmacopœia Commission, he said, had had to assess a large number of drugs that had come into use since 1932. Many preparations which had been used in war-time (e.g., concentrated tinctures and vitaminised oil), were now obsolete. According to the "General Notices," all statements contained in individual monographs were now regarded as standards of purity. The greater degree of precision thus demanded had led to greater detail in the appendices. As a pharmacognosist, Mr. Denston said he considered the monographs on the vegetable drugs to be among the most complete and comprehensive available. He then went on to consider a number of individual monographs. Calamine B.P.,

was a coloured zinc carbonate, differing from the B.P.C. preparation which permitted admixture with zinc oxide. When the B.P. substance was mixed with yellow soft paraffin an unsightly preparation was produced; white soft paraffin should be used. The B.P. required ammonium bicarbonate to be used on prescriptions when the carbonate was ordered, but the carbonate could still be used in a pharmacist's own preparations. In the dry state the bicarbonate was more stable although there was some criticism of its stability in solution. Hydrochloric acid B.P. was more concentrated than the B.P. 1932 acid, but the dilute acid was unchanged. Solution of hydrogen peroxide was now of twenty-volume strength and care should be taken, said the speaker, with repeat prescriptions for ear drops, etc. The auristillae of the National (War) Formulary had already been adjusted. Emulsion of liquid paraffin now contained 50 per cent. of oil.

IRE PHARMACISTS' BENEVOLENT FUND

AT the annual meeting of the Pharmaceutical Society of Ireland, held in Dublin on October 11 (see *C & D.*, October 23, p. 547), a report on the Benevolent Fund was presented by Mr. J. Gleeson.

MR. GLEESON said income for the year amounted to £639. Of this £461 had come from the dance committee, led by Mr. Paddy Redmond, whom he thanked for their great sacrifice of time and leisure. But for the valuable assistance of the dance committee, the Benevolent Fund Committee would find it impossible to help the many cases of distress that were brought to their notice. Subscriptions at £43 showed a decrease of approximately £120 against the previous year, and were not at all in keeping with the membership of the Society. Income from dividends and investments amounted to £122, bank interest £5 and sundry receipts about £4. During the year grants totalling £428 had been made (an increase of £66 on the previous year). They varied in amount from £5 to £125. Investments stood at £4,367. Surplus for the year was £207, making a total of £4,510. Total receipts were £639 (against £737 last year). If such a state of affairs continued it would become necessary to encroach on capital instead of building up a fund that would yield sufficient income to relieve any case of distress that might be encountered. The auditors, in their report, had recommended that

further publicity should be given to the objects of the fund. Mr. Gleeson appealed for subscriptions to members and licentiates who had previously failed to respond.

MR. COLLINS, proposing the adoption of the report, said he had been under the impression that the fund was available for all connected with the drug trade; he had been told recently that this was incorrect. What was the true position? MR. NUGENT, who seconded, said the fund had originally been intended for the benefit of chemists, registered druggists, and assistants. THE PRESIDENT said that, in the main, the fund was intended for those on the Society's register. The Society would like to include all connected with pharmacy if there were sufficient funds. He thanked Mr. Redmond and the dance committee for their efforts. If every member contributed a little, the fund would be able to do much more.

MR. P. REDMOND (chairman, Dance Committee) said the dance this year would be on December 14. He hoped the response would be even better than last year.

MR. W. J. ADAMSON, Ballina, said members in the West of Ireland had run a number of dances and sent a good contribution to the fund. One was to be held at Ashford Castle, Cong, on November 3. THE PRESIDENT said the large contribution from the West of Ireland had been much appreciated. The report was then adopted.

GUIDE TO NEW MEDICAMENTS

VIA CUTAN

MANUFACTURER: Ward, Blenkinsop & Co., Ltd., 6 Henrietta Place, London, W.1.

DESCRIPTION: A 1 per cent. solution of the silver salt of dinaphthylmethane disulphonic acid, with 0.1 per cent. of a neutral yellow dye, and a wetting agent.

INDICATIONS: In dermatology (e.g., varicose ulcer and superficial dermatoses), obstetrics and gynaecology, routine antisepsis, etc.

HOW SUPPLIED: Bottles of 100, 500 and 2,000 mls.

NOTES: The dye has been included to indicate the area treated when applied to the skin.

ETICYCLIN

MANUFACTURER: Ciba Laboratories, Ltd., Horsham, Sussex.

DESCRIPTION: Ethinyl œstradiol.

INDICATIONS: Deficiency symptoms at the menopause, amenorrhœa, uterine hypoplasia and for symptomatic relief of cancer of the prostate.

DOSAGE: This ranges from 0.05 mgm. to 0.5 mgm. taken as sublingual tablets.

HOW SUPPLIED: As sublingual tablets (Linguets) each containing 0.05 mgm., in bottles of 25, 100 and 500.

PERSEDON

MANUFACTURER: Roche Products, Ltd., Welwyn Garden City, Herts.

DESCRIPTION: 3:3-diethyl-2:4-diketo-tetrahydropyridine.

INDICATIONS: Moderate cases of insomnia, mild tension and anxiety.

DOSAGE: Adults: Sedative, 0.1 gm. to 0.2 gm.; hypnotic, 0.2 gm. to 0.4 gm., a quarter of an hour before bedtime.

HOW SUPPLIED: Tablets containing 0.2 gm. in boxes of ten and bottles of 100 and 500.

PROTOVITE

MANUFACTURER: Roche Products, Ltd., Welwyn Garden City, Herts.

DESCRIPTION AND FORMULA: Sugar-coated tablets each containing:

Vitamin A	...	...	...	1,250 international units
Vitamin D	...	...	...	150 international units
Vitamin E	...	...	...	0.5 mgm.
Vitamin C	...	...	...	15.00 mgm.
Vitamin B ₁	...	...	...	0.5 mgm.
Vitamin B ₂	...	...	...	0.75 mgm.
Nicotinamide	...	...	...	5.0 mgm.

INDICATIONS: Vitamin deficiencies.

DOSAGE: Children: One to two tablets or more daily. Adults: Two to four tablets or more daily.

HOW SUPPLIED: In bottles of 40, 100, 500 and 1,000 tablets.

B E F O L I N

MANUFACTURER: Allen & Hanburys, Ltd., Bethnal Green, London, E.2.

DESCRIPTION AND FORMULA: Tablets containing:

Aneurine hydrochloride	...	...	...	1.0 mgm.
Riboflavine	...	...	...	1.0 mgm.
Nicotinamide	...	...	...	20.0 mgm.
Folic acid	...	...	...	1.7 mgm.

INDICATIONS: Prevention and treatment of nutritional deficiency diseases including sprue, pellagra, beri-beri and the nutritional anæmia of pregnancy.

HOW SUPPLIED: In bottles of 25 and 100 tablets.

CORRESPONDENCE

Purchase Tax Anomalies

SIR,—Your correspondent Mr. G. Heanor & D., October 23, p. 551, reveals a curious anomaly in questioning the rate of purchase tax on rubber air cushions, and finds one that 66 $\frac{2}{3}$ per cent. is also chargeable on lighter-weight bed and surgical rubber-proofed sheetings. Surely sickbeds should not be penalised in this manner. We have a Member of Parliament in the house?

MASON.

Payment of Chemists' Accounts

SIR,—The present rate of payment for N.H.S. accounts in the South-eastern area of England has become a matter of financial anxiety to many pharmacists. July and August accounts have not yet been settled, and no advance has been received in September. Nor have any rota payments come to hand. As a result the writer is compelled to finance the drug bill as well as meeting labour and overhead costs of all N.H.S. work done in his pharmacy since the inception of the Service, his staff bill alone totalling more than the monies received from the N.H.S. authorities. For the purpose of rendering service under the N.H.S., the writer is compelled to seek assistance from the bank, at a cost of 5 per cent. on the amount loaned. It is learned (by "underground" channels) that there is no hope of an interest clause being inserted in the pharmacist's contract. Why not? Is there any reason why the National Pharmaceutical Union should refuse to demand such a clause? The most disturbing feature of the arrangement is that the assistance should not be necessary. Prompt payment should have been guaranteed before the Service began. If the machinery for payment was not available, arrangements should have been made to guard against causing financial embarrassment to participants in the service. To reduce the difficulties that now, unfortunately exist, the following measures should be adopted: Advance payments should include the container cost of 2 $\frac{1}{2}$ d. per prescription. Every script with an ingredient cost of over 5s. (which total is recorded with monthly returns) should be met by an advance of 5s. per prescription. Accounts six weeks overdue should carry interest at the rate of 5 per cent. for the amount overdue. After six months of service, each pharmacy will, when the scripts are priced, be in possession

of an average price for its dispensed prescriptions. Advance payments should be made to each pharmacy on the basis of that average (adjustments can be made up or down after pricing). Purchase tax payments on post and passenger train fees for drugs should be discontinued. All S.4, S.1, and D.D.A. medicaments of a proprietary make supplied against prescriptions should be exempt from purchase tax. Pharmacists carrying such drugs in stock should be able to obtain rebate from the Customs and Excise. The primary intention of the N.H.S. was surely not to cause financial anxiety to be the occupational disease of pharmacists, who, it may be pointed out, get nothing in the nature of Marshall Aid to keep them going.

A SOUTH-EASTERN PHARMACIST.

Averaging—and Health Centres

SIR,—It is slowly becoming obvious that the systems of pricing that we retail chemists have objected to are being forced upon us. Averaging of prescriptions has been continued over August and September, and next we shall hear that November and December are to be based on October figures. If the Minister of Health's estimate that double the number of scripts are being dispensed is correct, the same arithmetic might obviously be applied to the number of pricing bureaux and another twelve provided. As your Kent correspondent pointed out (*C. & D.*, October 9, p. 483), it is a type of light industry that could be easily taken to the holiday resorts where there is ample suitable labour for the purpose. The next trend, to the detriment of retail pharmacists both big and little, will be the conversion of out-patient departments to health centres with their own dispensing sections. Retail pharmacists have no rights of compensation for the loss of dispensing due to the setting up of health centres. The passing of the hospitals and clinics into the control of administrative hands will make those hands anxious to extend their provinces of control of drugs and supplies. By demanding the development of health centres, central dispensaries and central purchasing, the "administrators" can increase their departments and secure advancement. The eventual advancement of such categories as supplies officers, etc., can be secured only at the cost of the present practising retail pharmacists.

Clacton-on-Sea. D. H. R. MOODY.

TRADE REPORT

Spot quotations for pharmaceutical chemicals represent the prices for wholesale quantities of standard quality. Prices of crude drugs and essential oils vary as to brand or grade.

28 Essex Street, W.C.2, Oct. 27

BUSINESS in PHARMACEUTICAL and FINE CHEMICALS continues on a substantial scale both for export and home trade. A brisk demand for a wide range of products has been received from India and it is understood that a moderately good trade is being done with Denmark and Sweden. European trade, generally, however, is still being held up by difficulties over import licences. Home trade prices during the past week are little changed. TARTARIC ACID is now available at 212s. per cwt. for 1-cwt. lots; 10-cwt. and over is quoted at 206s.

The BOTANICAL DRUG market remains rather quiet and prices are steady, but there is an indication that merchants are more favourably disposed to receive bids for a number of articles. A good business has been done with a Scandinavian country in Japanese AGAR but there has been little home trade inquiry for this article. Trade circles are of the opinion that future supplies of agar from Japanese sources will not be available in the substantial quantities produced in pre-war years. The reason given is that the Japanese are excluded from operations in some of the producing areas (see p. 557). BUCHU short-rounds are now in poor supply on the spot and the quality is low. CASCARA SAGRADA continues a dull market. ERGOT is very firm with spot supplies difficult to find and few offers from origin. CARDAMOMS continue firm with little or no supplies on the spot and new-crop replacements not yet available. Limited quantities of HYDRASTIS are being released under quota, primarily for export, and prices will be about 30s. per lb., ex store London. IPECACUANHA continues firm. New-crop Anatolian natural LIQUORICE ROOT near at hand is quoted at 46s. per lb. There are no supplies of frosted Pará TONKA beans on spot and blacks are now offering at from 5s. 6d. to 5s. 9d. per lb. Import licences for tonka beans are not being granted at present. There are few offers of Chinese RHUBARB from origin and shippers' prices are high. In other sections of the markets Chinese CAMPHOR is tending easier; English-refined powder (B.P.) has been reduced by sixpence per lb. The price for 1 cwt. is 7s. 3d.; 10 cwt. and over is quoted at 6s. 9d. per lb. MENTHOL continues firm. Spot quotations for BALSAM TOLU are lower with the primary market tending easier. BALSAM PERU on spot is firmer. Business in WAXES has been relatively small and prices are generally unchanged on the week.

ESSENTIAL OILS still attract few buyers. GERANIUM, which is scarce on spot, is a

stronger market. New-crop French LAVANDIN, now available on the spot, is firm with prices likely to rise in the near future. The devaluation of the franc has caused a small decline in prices of French LAVENDER OIL but rising costs of production, etc., have discounted to some extent the alteration in the exchange rates.

U.S. Drug and Chemical Report

New York, October 2

IN the FINE CHEMICAL markets demand continues on a small scale. A reduction in the quotation for BUTYL ALCOHOL has resulted in speculation on the possibility of a cut in ETHYL ALCOHOL prices. Brazilian MENTHOL was again firmer last week quotations were advanced by ten cents per lb. to \$9.25-\$9.30 per lb. A marked seasonal increase in demand would, it is expected, cause prices to go still higher. Small lot of Japanese and Chinese menthol continue to be quoted at \$9.35 to \$9.40 per lb. GLYCERIN prices are unchanged, and the synthetic material is not in sufficient supply yet to compete with the natural product.

The BOTANICAL DRUGS markets were dull and without special feature during last week. It is reported, however, that Alexandrian SENNA and STRAMONIUM LEAVES are reflecting strength as a result of the tightening up of the regulation controlling the condition of imported materials imposed by the Food and Drug Administration. Current quotations for Ceylon PAPAIN \$3.50 to \$3.60 per lb. would be shaded in the event of a sizeable order being placed. The African variety, however, is held to be too close to replacement costs. Small reductions were recorded for a number of spices including Ceylon CINNAMON, CLOVES, and Jamaican GINGER.

The downward trend of the ESSENTIAL OILS market which was resumed last week has continued. Weakness in MINT and ORANGE oils in particular made buyers more cautious. Haitian VETIVER was reduced from \$17.00 per lb. on the inside to \$12.50.

Pharmaceutical Chemicals

ACETIC ACID.—The controlled maximum prices per ton are: B.P. (33 per cent.) 1 ton or over, £36; 10 cwt. but less than 1 ton, £37; 4 cwt. but less than 10 cwt., £38 delivered buyer's premises. 80 per cent. pure, is £30 per ton and 98-100 per cent. (commercial glacial), £43 per ton more than the rates for B.P. For deliveries of less than 4 cwt. there is no maximum price.

AMIDOPYRINE.—Merchants are quoting prices from 45s. to 50s. per lb. for supplies for prompt delivery.

BENZYL BENZOATE.—In good demand. B.P. quality is quoted from 4s. 6d. to 5s. per lb., according to quantity; perfumers' quality, 5s. to 5s. 6d. per lb.

BORIC ACID.—Current rates for ton lots of B.P. quality are: Granulated, £60; crystal, £61; powder, £62. Commercial grades, £8 per ton less. Packed in 1 cwt. bags, delivered carriage paid in Great Britain, in 1-ton lots and upwards. Terms quoted do not apply to Northern Ireland.

CAFFEINE.—Steady. Home and export trade demand has been brisk. Makers' rates per lb. for 1-cwt. lots are: ALKALOID, anhydrous, 35s. 6d., and B.P., 33s. 6d.; CITRATE, 22s.; SODIUM BENZOATE, B.P., 22s. 6d.; SODIUM SALICYLATE, B.P.C., 23s. 3d.; SODIUM IODIDE, 26s. 56-lb. lots are 1s. per lb. more than above rates; 28 lb., 1s. more than for 56 lb.

CALAMINE.—Pharmacopoeial quality is quoted at about 2s. per lb.

CALCIUM GLUCONATE.—Makers' prices are from 3s. 1d. to 3s. 4d. per lb.

CHLORAL HYDRATE.—Current rates per lb., for the home trade, are as follows: 1-cwt. lots, 4s.; 56-lb., 4s. 2d.; 28-lb., 4s. 4d.

CHLOROFORM.—Current prices are as follows: 1-cwt. lots in winchesters, 2s. 11d. per lb.; 56-lb. lots, 3s. 2½d.; in drums, 3s. 1d. and 3s. 1½d. respectively.

CODEINE.—Steady. Current prices per oz., in the home market, are: ALKALOID, ½ oz., 51s. 9d.; 1 oz., 49s. 3d.; 2 oz., 47s. 9d.; 3 oz., 47s.; 4 oz., 46s. 9d. HYDROCHLORIDE, ½ oz., 46s. 4d.; 1 oz., 44s.; 2 oz., 42s. 6d.; 3 oz., 41s. 9d.; 4 oz., 41s. 6d. PHOSPHATE, ½ oz., 40s. 9d.; 1 oz., 38s. 3d.; 2 oz., 36s. 9d.; 3 oz., 36s.; 4 oz., 35s. 9d. HYDROBROMIDE and IODIDE as ALKALOID; SULPHATE as HYDROCHLORIDE.

CREOSOTE, B.P.—Ex beechwood, French is offered at about 7s. to 7s. 9d., and Swedish at 8s. to 8s. 3d. per lb. In good inquiry.

DIAMORPHINE.—Home trade rates, per oz.: ALKALOID, ½ oz., 54s. 6d.; 1 oz., 52s.; 2 oz., 50s. 6d.; 3 oz., 49s. 9d.; 4 oz., 49s. 6d. HYDROCHLORIDE, ½ oz., 50s. 3d.; 1 oz., 47s. 9d.; 2 oz., 46s. 3d.; 3 oz., 45s. 6d.; 4 oz., 45s. 3d. per oz.

DIGITOXIN.—Current quotations are in the region of 110s. per gm.

EPHEDRINE.—Quotations for the ALKALOID are at from 10s. 6d. to 12s. per oz., as to quantity and seller. HYDROCHLORIDE is quoted at from 7s. 3d. to 8s. and SULPHATE at 8s. to 8s. 6d. per oz.

GUAIACOLS.—Supplies are rather short. Liquid, quoted at from 14s. 6d. to 16s. per lb., and crystal and carbonate, 14s. to 15s., according to quantity.

HEXAMINE.—B.P. is quoted at from 1s. 8d. to 2s. per lb., as to quantity.

PEPTONE.—Importers' quotations are from 13s. to 15s. per lb., as to quantity.

PHENACETIN.—Supplies continue scarce; nominal prices, from 5s. to 6s. per lb.

PHENAZONE.—Nominal prices are from 32s. 6d. to 35s. per lb.

PHENOL.—Maximum price for crystals in the home market is 11d. per lb., in 1-ton lots in drums (returnable), delivered.

PHENOLPHTHALEIN.—Manufacturers' prices are as follows: 1-cwt. lots, 6s. 1d.; 28-lb., 6s. 3d.; 14-lb., 6s. 6d. per lb.

PHOSPHATES.—Makers' rates per lb. are as follows: SODIUM, B.P., 1 cwt., 6d.; 28 lb., 7½d. SODIUM ACID, B.P., crystals, 1 cwt., 1s. 9d., 28 lb., 2s. POTASSIUM, granular, 4s. 2d.; powder, 4s. 5d. per lb. AMMONIUM, B.P.C., 1 cwt., 2s. 6d.; 28 lb., 2s. 10d. per lb. PHOSPHORIC ACID, B.P. (Concentrated) is priced at from 1s. 2d. to 1s. 3d. in carboys, and from 1s. 5d. to 1s. 9d. per lb. in winchesters.

PILOCARPINE.—Makers' prices are unchanged. Rates per oz. are: ALKALOID,—1 oz., 36s. 9d.; 4 oz., 35s. 3d.; 25 oz., 34s. HYDROCHLORIDE,—1 oz., 34s. 9d.; 4 oz., 33s. 3d.; 25 oz., 32s. NITRATE,—1 oz., 33s. 3d.; 4 oz., 31s. 9d.; 25 oz., 30s. 6d.

PIPERAZINE.—Current prices from 4s. 6d. per oz., according to quantity.

POTASSIUM ACETATE, B.P.—Fine granular is 2s. 1½d. per lb. in 1-cwt. lots.

QUININE.—Makers' rates (per oz.) to distributors are given below; additional charges must be added for repacking, etc. ALKALOID, from 5s. to 5s. 6d.; ACETYL-SALICYLATE, 6s. to 6s. 6d.; BISULPHATE, 3s. 7d. to 4s. 1d.; DIHYDROBROMIDE and DIHYDROCHLORIDE, 4s. 11d. to 5s. 5d.; FORMATE, 5s. 9d. to 6s. 3d.; GLYCEROPHOSPHATE and PHOSPHATE, 5s. 5d. to 5s. 11d.; HYDROBROMIDE and HYDROCHLORIDE, 4s. 6d. to 5s.; SALICYLATE, 4s. 8d. to 5s. 2d.; SULPHATE, 4s. to 4s. 6d.; QUININE AND UREA HYDROCHLORIDE is quoted from 4s. 10d. to 5s. 4d.

SODIUM SALICYLATE.—Continues in good request. Makers' price for 1 cwt. is 2s. 7d. per lb.; resellers' rates per lb. (containers in brackets) in the home market as follows: 28 lb. and under 1 cwt., 3s. 4d. (7-lb.); 3s. 3d. (2-lb.); 3s. 2½d. (4-lb.); 3s. 1½d. (7-lb.); 3s. 1d. (14-lb.); 3s. (28-lb.). Net one month.

TARTARIC ACID, B.P.—Makers' rates per cwt. are: 1-cwt. lots, 212s.; 2-4 cwt., 210s.; 5-9 cwt., 208s.; 10 cwt. and over, 206s., delivered. Supplies are fairly free.

TERPINEOL.—Prices for B.P. grade are from 3s. 3d. to 3s. 9d. per lb.

THEOBROMINE.—In good export inquiry, with supplies adequate. Makers' prices (per lb.) are: ALKALOID, from 37s. 6d. to 41s. 6d., according to quantity; CALCIUM SALICYLATE, from 21s. 3d. to 25s. 3d.; SODIUM BENZOATE, 23s. 9d. to 26s. 9d.; SODIUM SALICYLATE, from 21s. 3d. to 25s. 3d.

Crude Drugs

AGAR.—Japanese strip is steady at 16s. to 18s. per lb., duty paid, according to quality and holder; forward, 14s. to 15s., c.i.f. South African powder, in tins in cases, quoted at 20s. per lb., spot.

ALOES.—Quiet. Cape on the spot is quoted at from 115s. to 130s., as to quality and seller; forward, 106s. per cwt., c.i.f. Curaçao in boxes, 200s. to 220s. per cwt., as to quality; shipment, 200s., c.i.f. Socotrine, 160s. to 180s. per cwt., spot.

ANTIMONY.—Metal prices are: 99.6 per cent., regulus, £210 per ton, delivered; 99 per cent., £200; 70 per cent. crude, £165.

ARNICA.—Flowers on spot are offered at prices from 1s. 9d. to 2s. 6d. per lb.

ASAFFETIDA.—In fair request. Persian block on spot is steady at from £15 to £24 per cwt.

BALSAMS.—*Canada* on spot is offered from 18s. 6d. to 19s. 6d. per lb. *Pará Copaiba* (soluble), 4s. 9d. to 5s. per lb., spot. *San Salvador, Peru*, is quoted at from 5s. 2d. to 5s. 3d. per lb., duty paid. *Tolu*, 15s. to 15s. 6d. per lb., spot.

BAY LEAVES.—Quotations are steady at from 11d. to 1s. per lb., duty paid.

BELLADONNA.—Yugoslav root is quoted at from 4s. 6d. to 4s. 9d. per lb., duty paid, as to test; English leaves are offering at from 5s. 6d. to 7s. 6d. per lb., as to test.

BENZOLIN.—Steady. Sumatra block on the spot is from £14 to £16 per cwt., as to quality; Sumatra almonds, £55 per cwt. Siam free almonds, spot, £120 per cwt.

BISMUTH.—Quotations for metal are at 10s. 9d. per lb. for minimum 5-cwt. lots.

BUCHU.—Short rounds on spot are at 4s. per lb. Ovals are offered at 3s. 6d. per lb.

CALABAR BEANS.—Steady. Spot quotations are from 10½d. to 11½d. per lb.

CALUMBA.—Natural root is offered at about 77s. 6d. to 80s. per cwt., spot.

CAMPHOR.—Chinese tablets are offered at from 9s. to 9s. 6d.; refined powder (B.P.), 7s. 3d. to 7s. 6d.; B.B. grade, 7s.; slabs (2½-lb.) from 7s. 3d.; crude powder, 6s. per lb., all spot London, duty paid.

CANTHARIDES.—Spot quotations are at about 8s. 3d. per lb.; shipment, 5s., c.i.f.

CARDAMOMS.—Firm. Nominal spot quotations are: Mangalore half-bleached A's, 9s.; B's, 8s.; seeds, 8s. Aleppy seeds, 9s.; 8s. 9d. to 9s., c.i.f., per lb. Aleppy greens, 7s. 6d.; from 7s. to 7s. 6d., c.i.f. Ceylon seeds, 7s. 9d. per lb. Supplies of Bombay seed on spot are offering at 9s. 3d. per lb.

CASCARA SAGRADA.—1947 peel on spot is quoted 200s. to 210s. per cwt.; 1946, 240s. New-crop, for shipment, 195s., c.i.f., duty paid value.

CASCARILLA.—Attracting little inquiry. Quills are quoted at 1s. 5d. to 1s. 7d. per lb., spot; siftings, 1s. 4d. to 1s. 5d.

CHAMOMILE FLOWERS.—Belgian on spot are offered at 4s. 3d. per lb.

DIGITALIS.—Portuguese leaves quoted at about 150s. per cwt., spot; English, from 2s. 3d. per lb.

DRAGONS BLOOD.—Singapore reboiled No. 1, £65 per cwt., spot; No. 2, £50 per cwt.

ERGOT.—Firm. Difficult to find on spot at 5s. 3d. per lb.; offers of Portuguese for shipment are at 5s. 6d. per lb., c.i.f.

GENTIAN.—The market is steady. French natural is quoted at about 60s. per cwt., spot; sliced root is offered at 75s.

GINGER.—African on spot is quoted at 82s. 6d. to 83s. per cwt. Jamaican No. 1 quoted at 130s. to 132s.; No. 2, 127s. 6d.; No. 3 is nominal at 122s. 6d. per cwt., spot.

GUAIACUM RESIN.—Steady. Prices are from 2s. 4½d. to 2s. 6d. per lb., spot.

GUM ACACIA.—Some spot business transacted but little c.i.f. Kordofan cleaned sorts, 65s. per cwt., ex store, London; shipment, October-November, 60s., c.i.f. Bleached No. 1, 125s., ex store; to arrive, 115s., c.i.f. Talha, 45s., ex warehouse; shipment, 40s. 6d. per lb., c.i.f.

HYDRASTIS.—Quota supplies are being released at about 30s. per lb., ex store London.

IPECACUANHA.—Nicaraguan root on the spot is offered at from 23s. to 24s. per lb., as to seller. Forward business has been done at 18s. 6d. to 19s., c.i.f., and the market is reported firm.

JABORANDI.—Spot supplies are offered at from 70s. to 75s. per cwt. and upwards, according to seller.

JALAP.—Vera Cruz, spot, 2s. 6d. to 3s. 6d. per lb. as to test (10 to 16 per cent. resin). Brazilian (13 per cent.), 1s. 6d.

KAMALA.—Steady. Spot offers are at about 2s. 6d. per lb.

KARAYA.—No. 1 gum on spot is quoted at 215s.; to arrive, 205s., c.i.f. No. 2, 180s. per cwt., spot.

KINO.—A parcel of Indian gum is offered at 7s. 6d. per lb., spot London.

KOLA NUTS.—African quarters are offered at from 4d. to 4½d. per lb.; halves, from 2d. to 2½d. Jamaican washed halves are quoted at 3d. per lb.

LANOLIN.—B.P. Anhydrous is £120 per ton; Superfine, £130; B.P. Hydrous, £100, delivered in U.K. The supply position has improved.

LIQUORICE.—Anatolian natural, spot, from 46s. to 49s. per cwt., as to holder; Syrian, 40s.; Russian, 45s. to 46s. Italian block, 285s. per cwt., spot; Italian stick, from £385 to £525 per ton, as to quantity and grade. Turkish block, from 235s. per cwt.; American block, 172s. to 200s.

MACE.—West Indian blade, spot, 7s.; pickings, 4s. 6d. to 6s. per lb., according to quality.

MENTHOL.—Continues firm. Brazil on spot is offered at 45s. to 46s. per lb., duty paid; in bond, 43s.; 45s. 6d., c.i.f.

ORANGE PEEL.—Spanish quarters, 1s. 2d. to 1s. 5d., spot; sweet ribbon, 1s. 9d. Seville bitter ribbon, 1s. 1d.; thin-cut Tripoli, 1s. 2d. per lb.

PAPAIN.—East African No. 1 white is offering at about 21s. per lb., spot; Ceylon, about 16s. to 17s., with rather wide variations according to holder.

PODOPHYLLUM.—Steady. American (*pelatum*), spot London at 280s. per cwt.; Indian (*emodi*), from 315s. to 320s., spot; forward, 290s. per cwt., c.i.f.

PSYLLIUM SEED.—French black is quoted at 2s. per lb., duty paid; Indian (isphagula), 120s. per cwt., spot.

QUASSIA.—Spot quotations for chips are 35s. to 36s. per cwt., as to holder.

RHUBARB.—Spot prices of Chinese rough-round are from 4s. to 4s. 9d. per lb., according to fracture; wormy, 2s. 6d. to 3s. Indian rhapontic is offered at 1s. per lb.; French, 1s. 6d.

SANDARAC.—Spot quotations are at 5s. 6d. per lb.; 5s., c.i.f.

SEEDS.—**ANISE.**—Quiet. Cyprus, 1s. 5d. per lb., and Turkish, 1s. 4½d. per lb., duty paid, both spot London. **CARAWAY.**—Market firm. Dutch, spot London, offered at 117s. 6d. per cwt., duty paid. **CELERY.**—Quiet and unchanged. Indian is 1s. 2d. per lb., spot London or Liverpool.

CORIANDER.—Very little interest shown in Argentine at 40s. per cwt., duty paid, ex wharf London or Liverpool; Morocco quoted at 42s. 6d. per cwt., duty paid in London. **CUMIN.**—Market unchanged. Indian is 185s. per cwt., ex warehouse Liverpool. Cyprus, spot London, 195s. per cwt. A parcel of Polish is offering at 165s. per cwt., duty paid London. **DILL.**—Indian is inclined to be firm at 47s. 6d. per cwt., spot London or Liverpool. **FENNEL.**—Indian is offered at 72s. 6d. per cwt., spot London, and 71s. 6d. per cwt. in Liverpool.

FENUGREEK.—Market firm. Morocco, spot London or Liverpool, 55s. per cwt., duty paid; Indian, spot London, is also 55s. per cwt.

SENEGA.—An easy market. Spot supplies are quoted at about 9s. 6d. per lb.

STYRAX.—Nominal spot value, 7s. 6d. per lb., duty paid.

TRAGACANTH.—Prices are unchanged. Selected white, £90 per cwt.; other white grades, from £55 to £85; pale leaf, £35 to £40; amber, £20 to £27; red, £14; hoggy, about £10 10s.

TURMERIC.—Firm. Madras finger on spot is from 115s. to 117s. 6d. per cwt.

UVÆ URSI.—Spot quotations, ex wharf London, are around 85s. per cwt.

VALERIAN.—Belgian root, on spot, from 145s. to 150s. per cwt.; cut, 165s. per cwt.

Essential and Expressed Oils

ALMOND.—Spot quotations for sweet oil B.P. are unchanged at from 5s. to 6s. 6d. per lb. Bitter essential oil is quoted at from 27s. 6d. to 40s. per lb., as to quality.

ANISE.—Steady. Chinese star, in drums, is quoted at 5s. to 5s. 3d. per lb., with up to 6s. 6d. for smalls; October-November, shipment, 4s. 11d., c.i.f.

BAY.—West Indian is offered on the spot at from 6s. to 7s. 6d. per lb.

CAMPHOR.—White oil on spot is quoted at from 2s. 6d. to 2s. 8d. per lb., duty paid.

CARAWAY.—English-distilled is offering at 37s. to 40s.; imported, 28s. to 30s. per lb.

CASSIA.—Steady. Spot quotations are from 13s. 3d. per lb. for B.P. oil; forward, 9s. 6d., c.i.f.

CASTOR OIL.—Bulk supplies in 45-gal. drums are quoted at 16s. 11d. per gall., carriage paid.

CINNAMON.—B.P. oil, 60s. to 70s. per lb. Bark oil is offered at 12s. per oz. Leaf oil, on the spot, 7s. to 9s. per lb.

CITRONELLA.—Steady and quiet. Ceylon is quoted at 3s. 7d. per lb., spot, and 3s. 3d., c.i.f. to arrive. Java on spot, 7s. 6d. per lb.; shipment is quoted at 5s. 8d., c.i.f.

CLOVE.—Steady. Quotations for English-distilled bud oil are at from 10s. 6d. to 12s. per lb. according to quantity.

CORIANDER.—English-distilled is quoted at about 275s. per lb.

EUCALYPTUS.—70-75 per cent. (B.P.), 3s. 6d. per lb. for drums, and up to 5s. for smaller quantities; 3s. 8d., c.i.f.

GERANIUM.—Bourbon is offered on spot at from 47s. to 55s. per lb., as to grade.

GINGER.—Prices are from 85s. to 100s. per lb., according to grade.

GUAIACWOOD.—Spot quotations are unchanged at from 18s. to 20s., according to holder.

JUNIPER BERRY.—Steady. English-distilled oil is quoted at from 95s. to 100s. per lb.; imported oil is offered at 27s. 6d. to 30s. per lb., according to seller.

LAVANDIN.—Firm. Spot quotations for new-crop oil are from 8s. to 8s. 6d. per lb.

LAVENDER.—French, 38-40 per cent., 16s. to 18s., spot; 40-42 per cent., 17s. to 19s. Spanish (spike), 8s. 6d. to 10s., spot.

OLIVE.—The October allocation of oil from members of the Importers' Association is being made at the reduced rate of 26s. 2d. per gall. of 9 lb., ex store, drums included. Additional charges will be made for small quantities, according to costs of breaking bulk, containers, delivery, etc.

PINE NEEDLE.—Spot supplies are offered at 18s. to 20s. per lb., for first-grade oil.

ROSEMARY.—Spanish is offered at 7s. to 9s. per lb., as to quantity and quality.

COMING EVENTS

Sunday, October 31

CORNISH BRANCH, NATIONAL PHARMACEUTICAL UNION, St. John Ambulance Hall, City Road, Truro, at 2.30 p.m. Report on recent conference on pricing, and address by Mr. H. Holmes, Torquay (a member of the N.P.U. Executive).

Monday, November 1

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Central Library Hall, Beckenham, at 8 p.m. Mr. Raymond Glascock, B.Sc., Ph.D., on "The Use of Isotopic Tracers in Biology and Medicine."

SOUTHAMPTON BRANCH, PHARMACEUTICAL SOCIETY, Polygon Hotel, Southampton, at 7.30 p.m. Mr. D. G. Ardley on "Recent Development in Chemotherapy."

ISLE OF THANET BRANCH, PHARMACEUTICAL SOCIETY, Saracen's Head Hotel, Margate, at 8 p.m. Supper (admission 4s. 6d. each).

Tuesday, November 2

NOTTINGHAM BRANCH, PHARMACEUTICAL SOCIETY, Victoria Hotel, Nottingham, 6 p.m. for 6.30 p.m. Annual dinner and dance (tickets £1 1s. each).

CHADWICK PUBLIC LECTURE, Westminster Hospital Medical School, Horseferry Road, London, S.W.1, at 2.30 p.m. Dr. E. B. Lloyd Wyndham on "The Prevention of Tuberculosis."

Wednesday, November 3

WEST KENT BRANCH, PHARMACEUTICAL SOCIETY, Pynes Restaurant, London, S.E.13. Annual dinner and dance.

BATH BRANCH, PHARMACEUTICAL SOCIETY, 9 Kingston Buildings, Bath, at 7.30 p.m. Annual meeting.

MANSFIELD BRANCH, PHARMACEUTICAL SOCIETY, Swan Hotel, Mansfield, at 7 for 7.30 p.m. Annual dinner (tickets 12s. 6d. each from Mr. C. H. Preston Robinson, Mansfield General Hospital; dress optional).

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS. Visit to Ciba Laboratories, Ltd., Horsham, leaving Bloomsbury Square, London, W.C.1, at 10.15 a.m. Applications to Mr. S. Powelson, 105A Albemarle Road, Beckenham, Kent.

Thursday, November 4

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN, 17 Bloomsbury Square, London, W.C.1, at 8 p.m. Mr. R. R. Bennett, B.Sc., Ph.C. F.R.I.C., on "Pharmaceutical Preparations of the British Pharmacopoeia, 1948."

LIVERPOOL CHEMISTS' ASSOCIATION, Board Room, Adelphi Hotel, Liverpool, at 7.30 p.m. Address by Dr. T. Lloyd Hughes (senior medical officer, Liverpool Regional Hospital Board).

LONDON BRANCH, GUILD OF PUBLIC PHARMACISTS. Visit to Ciba Laboratories, Ltd., Horsham (see entry under Wednesday, November 3).

WEST HAM ASSOCIATION OF PHARMACISTS, Carnegie Library, Romford Road, Manor Park, London, E.12, at 7.45 p.m. Whist drive (admission, including refreshments, 3s. 6d. each).

LONDON AND SOUTH-EASTERN COUNTIES' SECTION, ROYAL INSTITUTE OF CHEMISTRY, Technical College, Brighton, at 6 p.m. Mr. K. G. A. Pankhurst, Ph.D., F.R.I.C., on "Industrial Uses of Protein-detergent Complexes."

DURHAM COUNTY BRANCH, PHARMACEUTICAL SOCIETY, Pattinson's Dunelm Hotel, Old Elvet, Durham, at 7.30 p.m. Address by Mr. T. Heseltine (a member of the Society's Council).

Friday, November 5

SOUTH-WEST LONDON CHEMISTS' ASSOCIATION, Carpenter's Restaurant, 3 The Pavement, London, S.W.4, at 7.45 p.m. Address by Mr. H. N. Linstead, M.P. (secretary, Pharmaceutical Society).

LIVERPOOL CHEMISTS' ASSOCIATION is holding dance in aid of the Pharmaceutical Society's Benevolent Fund at the Adelphi Hotel, Liverpool, on November 17, 7.30 p.m.-midnight. Tickets (£1 1s. each) from Mr. J. P. Murphy, 184 Great Homer Street, Liverpool, 5.

TRADE MARKS

(From the "Trade Marks Journal," October 1948)
 "SIGUNIT"; by Kaspar Winkler & Co., Zurich.
 "Altstetten"; 655,013. For industrial chemicals (1).
 "PECTOZYME"; by Norman Evans & Rais, Ltd., Manchester; 664,954. For enzymes for use in the manufacture of farinaceous foods and for the destruction of starches occurring in fruit juices (1).
 "CALIFORNIAN POPPY" and poppies on label device; by J. & E. Atkinson, Ltd., London, W.1; 655,374. For perfumes (3).
 "WONDERMASK" and device of woman's face and mask (word "Wondermask" disclaimed); by Virginia's Hollywood Preparations (1936), Ltd., Slough; B658,915-16. "VEET"; by Dae Health Laboratories, Ltd., London, W.1; 660,519.
 "INSINUATION"; by Myrurgia Sociedad Anónima, Barcelona, Spain; 661,884. "CORDUROY" by J. Grossmith & Son, Ltd., London, W.1; 664,644. For non-medicated toilet preparation (3).
 "COMBAT"; by Far & Wide Distributors, Ltd., London, E.C.4; 663,154. For soap (3).
 "SCALPIL"; by Scalpillin Products, Ltd., Bolton; 651,816. For medicated preparations for use in the treatment of the scalp (5).
 "EYE-SOTANE"; by Ethical Products (Manufacturing Chemists) Co., Southport; 653,652. For medical preparations for the eyes (5).
 "INTRAVITE"; by Nicholas Proprietary, Ltd., South Melbourne, Australia; 654,076. For pharmaceutical preparations for use in the treatment of vitamin-deficiency conditions (5).
 "FEROBON"; by John Wyeth & Brother, Ltd., London, N.16; 662,020. For pharmaceutical preparations for human and veterinary use, all containing iron (5).
 "VEET"; by Dae Health Laboratories, Ltd., London, W.1; 660,520. For pharmaceutical preparations for human and veterinary use, sanitary substances, disinfectants and materials prepared for bandaging (5).
 "NEWTEX" and "SUPATEX"; by John Rostron & Sons, Ltd., Manchester; 664,767-68. For non-medicated toilet paper (16).
 "NITEY NITE" by Hytex, Ltd., London, W.10; 664,220. For hot-water bottles (21).
 "MEDICILLIN"; by British Medica Laboratories, Ltd., Bournemouth; 662,817. "JOHNNY BUNNY"; by the Brynn Manufacturing Co., Ltd., Ashton-in-Makerfield, nr. Wigan; B663,487. For pharmaceutical preparations and substances (5).

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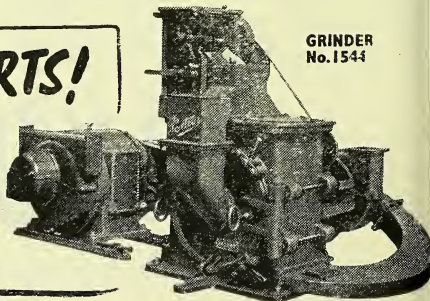
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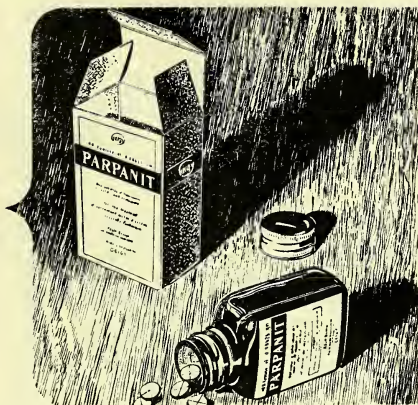
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50 Tablets, Retail price 15s. 0d.

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No purchase tax. Supplies may be obtained from
your wholesaler. Literature available on request.



PHARMACEUTICAL LABORATORIES GEIGY LTD
NATIONAL BUILDINGS, PARSONAGE, MANCHESTER 3



Essential Oils

Almond . Aniseed . Bay
Cassia . Cedarwood . Clove
Eucalyptus . 70/75 and 80/85
Geranium . Juniperberry
Lavender . Lavender Spike
Lemon . Lemongrass
Orange . Origanum
Pennyroyal . Peppermint
Rosemary . Sassafras . Thyme

Trade Inquiries Invited

"IMMORTELE"
PERFUME COMPOUNDS

LODGE, ROBIN, LIMITED
Laleham-on-Thames, Middlesex
Tel./Grams: Staines 3698

BRANNAN
THERMOMETERS
Clinical Household Industrial etc

MADE IN ENGLAND
BY
S. BRANNAN & SONS LTD.
London & Cumberland

'ACRIBES'
Regd. Trade Mark

EXPORT BRANCH
LYALL WILLIS & CO. LTD.
52, BAKER ST.
LONDON, W.1

TEL.: CANONBURY 3401

BUCKLEY BOWKER TABLET CO. LTD.

PARKFIELD STREET, LONDON, N.1

OVER 40 YEARS' PRACTICAL EXPERIENCE

COMPRESSED TABLETS

EVERY KIND AND SHAPE,
BULK OR PACKED, UP TO
1½" SQUARE OR ROUND.

PRIVATE FORMULAS COMPOUNDED BY EXPERTS

We have specialised for many years in— **CONTRACEPTIVES** (Special Formulas), TABLETS and JELLIES

"A CHEMIST'S LINE"

WITH LOOPS

NORVEX

ALL WOOL

SUPER QUALITY
SAN. TOWELS

CROSSKILLS OF NORWICH

"National" Dispensing Bottles

are Strong, Serviceable and Sure-selling

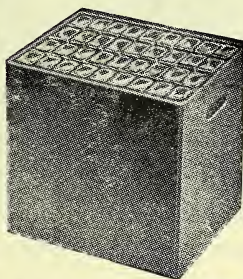
NEATLY PACKED IN 6 DOZEN
RETURNABLE CARTONS

- ★ CONVENIENT IN SIZE
- ★ EASY TO HANDLE
- ★ UNIFORM IN QUALITY

SCREW CAPS SUPPLIED IN
WHITE-ENAMELLED METAL



A "NATIONAL" Production




Vials

of "NATIONAL" quality

Ranging in size $\frac{1}{2}$ oz. up to 3 oz.
Plain or teaspoon graduations
Medium and tall types.

MANUFACTURED IN BEST QUALITY
WHITE FLINT, AND PACKED IN
RETURNABLE CARTONS



TRADE  MARK

National Glass Works (York) Ltd.

Works: FISHERGATE, YORK
Telephone: York 3021

London Office: 105 HATTON GARDEN, E.C.1
Telephone: Holborn 2146

WHOLESALE ONLY

The BEATSON MEDICAL and the NATIONAL HEALTH SERVICE

The advent of the National Health Service means that more people are bringing prescriptions to you. Many of them previously had prescriptions made up by their own doctors or by chemists specialising in private prescriptions. They will seek the pharmacists giving service of the highest quality and the use of the BEATSON MEDICAL will help to convey that impression of QUALITY.



BEATSON, CLARK & COMPANY LIMITED ESTABLISHED 1751 ROTHERHAM, YORKS.

MANUFACTURERS OF CHEMICAL AND MEDICAL GLASS

BC. 58

GUMS SHELLACS and WAXES

Acacia

Tragacanth

Karaya

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Mastic

Damar

Japan Wax, White
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Wax, Carnauba Wax

In natural and powder
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Official Agents:
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Horse Remedies

P.A.T.A. Protected Prices

Supplies can be obtained through all Wholesale Houses

HARVEY & CO. (DUBLIN) LTD., DUBLIN

NEW or SECONDHAND MACHINERY
or Chemical Plant of any kind

REED BROTHERS (Engineering) LTD

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Telephone - - - AVENUE 1677/B

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GUM KARAYA

WHOLE AND POWDERED

M. HAMBURGER & SONS

DIRECT IMPORTERS

Ceylon House

EASTCHEAP, LONDON, E.C.3

Telephone: Mansion House 4405 (3 lines)

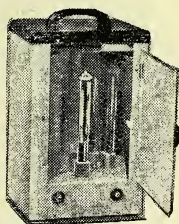
SHERLEY'S always make Regular Customers!

to be sure of a fair share of the big, regular demand for the Sherley's preparations please order well ahead—empty shelves can only mean disappointment. There is no treasure like a regular customer. He is the mainstay of profitable trading; a source of valuable good will. Adequate stocks of Sherley's Dog and Cat Medicines will keep the "regulars" happy and turn many a "casual" into a good friend.



SHERLEY'S DOG MEDICINES

F. SHERLEY & CO. LTD., 16/18 MARSHALSEA ROAD, LONDON, S.E. 1



LUMSDEN SUN LAMPS

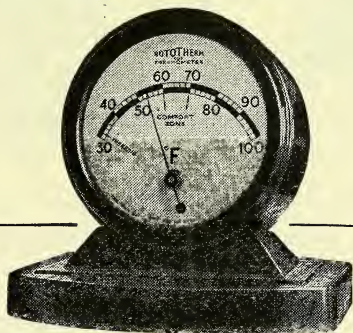
A good Sun Lamp will always bring repeat orders. It must be efficient, give a good output of radiation and look attractive.

Lumsden Lamps can be recommended with confidence that they will produce the results claimed for them, are of modern design and very attractive appearance.

There is a full range of models. Try keeping one always in stock this winter. It will not disappoint you.

LUMSDEN LAMP CO.

275 Millburn - Almondbank - Perth



Handsomely designed Table and Desk thermometers which you can sell on very profitable terms. Also Wall models in various colours.

PRICE 15/- Retail.

Rototherm

DIAL THERMOMETERS

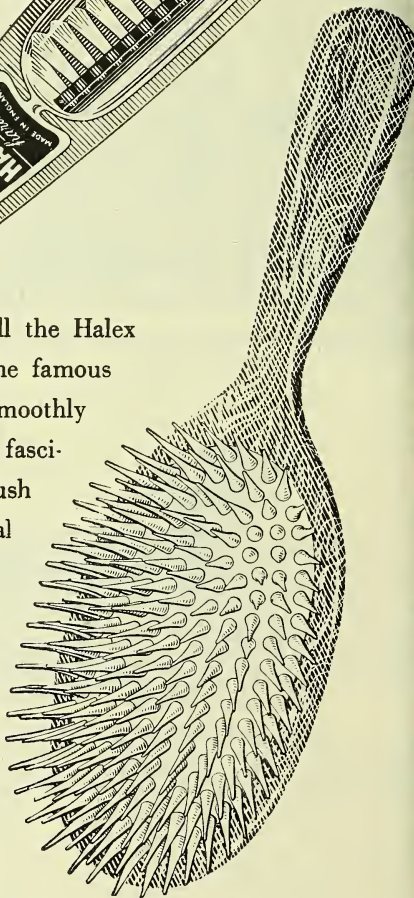
THE BRITISH ROTOTHERM CO., LTD.
Merton Abbey, S.W.19. Tele.: Lib. 3406
and at 87 St. Vincent Street, Glasgow, C.2

*It pays to
display your*
HALEX
goods!



Let your window and your counter tell the Halex story. Show people that you stock the famous *Rondated* toothbrushes with the smoothly tipped nylon strands. Cash in on the fascinating look of the Halex Combing Brush with its flexible plastic quills. This unusual instrument is fast becoming a fashion as well as a favourite with women who take a pride in their hair.

Then there are the ever-popular pneumatic hairbrushes with their firm but springy nylon tufts, dainty baby sets, toilet sets, saw-cut combs and colourful fancy goods of every kind.



HALEX LIMITED, HALE END, LONDON, E.4

RONDATED is a registered trade name of Halex Limited.

150 YEARS IN HAND



These years mean something to you. After 150 years in the sponge trade, Cresswell Bros. & Marks are today the largest bulk buyers of sponges, with an organisation that *gets the finest of the sponge crop*. For the best sponges, in the widest range, the brand is RELIANCE.

Your enquiries for Sponges and Chamois Leathers will receive courteous, prompt and knowledgeable attention.

We have no connection with any other firm advertising sponges or chamois leathers in this journal.

CRESSWELL BROTHERS & MARKS

(International Sponge Importers) LTD.,

SPONGE IMPORTERS and EXPORTERS
5a Buck Street, Camden Town, London, N.W.1.
Phone: GULLiver 5462-3 Grams: Sponge, Norwest, London.

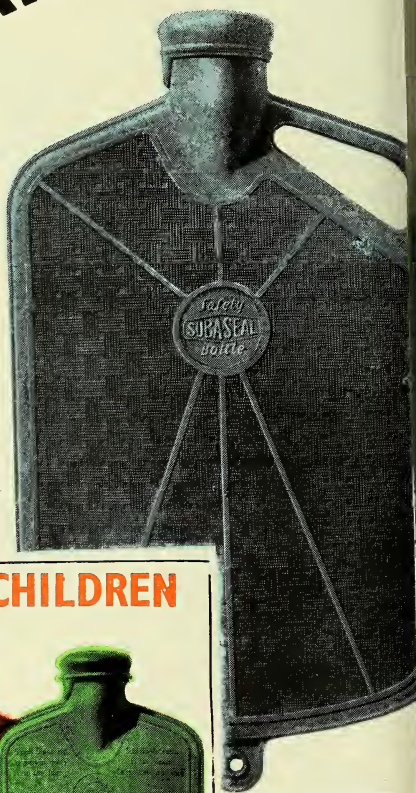
REGISTERED
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THE CHEMIST AND DRUGGIST
x October 30, 1948

REDUCED PRICES

are now in operation for **BRITAIN'S NEWEST**

New models and designs
in a range of most
attractive colours.



SPECIAL DESIGNS for the CHILDREN



SIZE No. 3 RHYMES

Four of the popular Children's
Nursery Rhyme Bottles

A different design and rhyme
appears on each side of the
bottle

GIANT
SIZE NO. 4
with handle

Ask us for samples
and full details
our interest
prices.

WILLIAM FREEMAN
— & COMPANY — LIMITED

SHOT WATER-BOTTLE

(NO SCREW)



STANDARD SIZE NO. 3

**SAFETY BOTTLE with
TROUBLE FREE CLOSURE**

ENTIRELY BRITISH

Note these selling points :

- EASY STOPPERING
- LONGER RADIATION
- NO BANDS TO BREAK
- SEAMLESS THROUGHOUT
- COMPLETELY VULCANISED
- STOPPER CANNOT GET LOST
- CENTRE CANNOT COME OUT
- ALL RUBBER • NO LEAKAGE
- EASY FILLING • NO AIR LOCK • NO SPLUTTER
- NO TROUBLESOME SCREW



The standard size bottle in an up-to-date carton makes a splendid display

**UBASEAL WORKS, PEEL STREET,
BARNSELY, ENGLAND**

Telephone

Telegrams

**STOCKS FOR NEXT
SEASON should
NOW BE ORDERED . .
to ensure prompt
delivery . . .**



*A
dependable,
aesthetically
pleasing
contraceptive...*



Ortho - Creme

Physicians everywhere have welcomed this new Ortho product. Ortho-Creme, like Ortho-Gynol, is instantaneously effective, easily applied and economical.

Ortho-Creme Vaginal Cream is a product of pharmaceutical elegance restricted to pharmacists.

Immediately available from your wholesaler . . .

Package "A" (complete with Applicator)

Package "B" (tube only)

With Ortho - Creme, Ortho's vigorous medical promotion offers pharmacists yet another opportunity to increase sales volume.

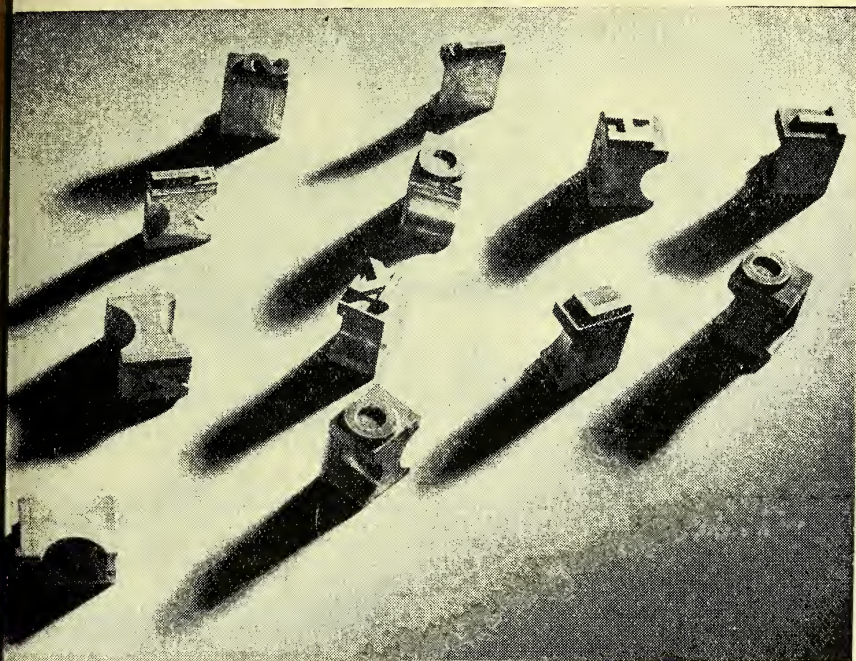
DISPLAY AND SELL ORTHO-CREME !



Ortho Pharmaceutical Ltd

HIGH WYCOMBE • BUCKS • ENGLAND

Makers of Gynaecic Pharmaceuticals



A lesson in efficiency told in type

Lighting tests have been made in almost every industry. But none tells the story so clearly as this test in hand typesetting. Speed and errors under various intensities of artificial light were compared with those of daylight, and here are the results :

- AT 20 FOOT-CANDLES
output and accuracy almost as good as daylight.
- AT 7 FOOT-CANDLES
output 10% down, errors increased.
- AT 2 FOOT-CANDLES
output 25% down, errors doubled.

Yet the extra cost of the best lighting was only a twentieth of the value of the increased output.

But many business men are still not availing themselves of this low-cost production aid. The simplest way to make

certain about your own lighting efficiency is to call in a Crompton Lighting Engineer. He knows the right lighting for every kind of work. He recommends the right kind of light as well as the quantity, taking account of the kind of units, the colour of the light and avoidance of glare. His services cost you nothing.

CONSULT THE
Crompton
LIGHTING SERVICE



display

When Tampax is displayed, women have no need to ask if you stock it. That saves embarrassment. And results prove that it steps up sales, too. There's a wide range of Tampax display units for every purpose. Send details of your requirements to: Sales Office, 110 Jermyn Street, London, S.W.1.

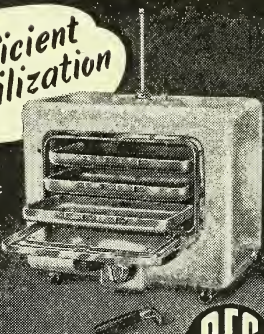
SANITARY PROTECTION WORN INTERNALLY

TAMPAX

SURQUAL HOT AIR STERILIZER

*For efficient
Sterilization*

- With Thermostatic Control and Pilot Light.
- Finished in High Grade Cream Stove Enamel and Chromium.



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SURGICAL EQUIPMENT SUPPLIES LTD

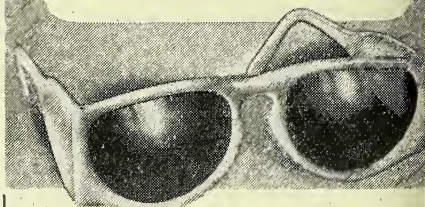
WESTFIELDS ROAD, LONDON, W.3

Manufacturers of Sterilizers, Hypodermic Syringes,
Plastic Cases, etc.

Nomodaz

Regd. No. 625499

**NON-DAZZLE
SUN GLASSES**



The latest in sunspecs

"Nomodaz" Sun glasses are entirely British made, and competitive in price. Designed to give the utmost protection and comfort in wear with elegance in shapes and styles.

LEWIS (Import & Export) LTD.

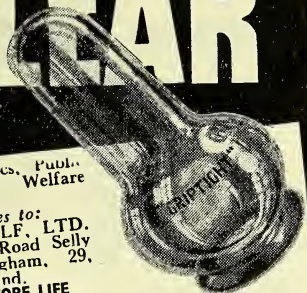
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Tel: Euston 8485

Cables: Emlew, London

THEIR GOOD QUALITIES ARE

CLEAR



used by Clinics, Public Health and Welfare Authorities.

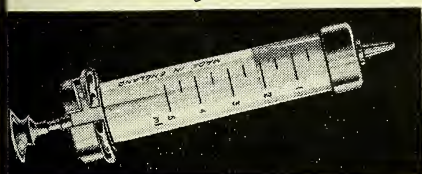
Trade Enquiries to:
LEWIS WOOLF, LTD.
44 Oakfield Road Selly
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England.

3 YEARS STORE LIFE

Grip-tight

Transparent FEEDTEATS

Kaycee



HYPODERMIC SYRINGES

WHOLESALE AND EXPORT ONLY

Illustrated Folder and Price List on application



Manufactured by

KENNETH CASTIGLIONE LTD.

Quadrant Works, Manor Park Crescent, Edgware
Middlesex, England. Tel.: EDGware 1636



ALL EXPORT ENQUIRIES TO :

KAYCEE HYPODERMIC SYRINGES LTD.

Quadrant Works, Manor Park Crescent, Edgware
Middlesex, England. Tel.: EDGware 1636
Cables: KAYCEE, EDGWARE, ENGLAND



If only we
could pack it
we'd make a
packet...



Box clever- ring up PETRUSHKIN

AND SOLVE YOUR PACKAGING PROBLEMS

We have provided manufacturers in every part of the country with an efficient box-making service for over half-a-century. This experience, plus the advantages of the most modern machines, is at your command today. Incidentally, we have spare capacity just now for making rigid and folding wire-stitched cartons, also small-size round boxes with beaded edges.

M. PETRUSHKIN LTD.

183, BOW ROAD, LONDON, E.3
ADVANCE 3131



In the Public Eye . . .

We have continued to support the retailer by keeping JIFFY DYES always in the public eye. Now that supplies are growing better each day the value of firmly upholding "goodwill" must inevitably show itself. It pays to stock "goodwill" lines.

JIFFY DYES

Also DRUMMER DYES

Made by Wm. EDGE & SONS LTD. - BOLTON

219

D & P

copying paper negs enlarging



Return Service

Best work guaranteed and despatched the same day as it is received. So improve your service—and don't lose the profitable business in paper negs—by using Northern Centre to the fullest extent.

NORTHERN CENTRE

ARGUS CHAMBERS, BRADFORD

The finishing firm of the North
SPECIALISTS IN COLOUR WORK

FRANCO-BRITISH GLASS CO. LTD.

For Ampoules & Vials.

FIRTH STREET GLASSWORKS
LEEDS 9

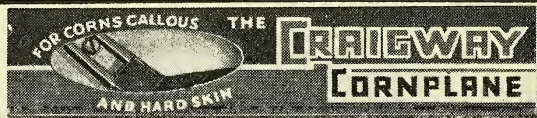
Hinders ANKLE VIGGER

The exclusive feature of this increasingly popular ankle support is the "controlled tension."

British & Foreign Patents.

Enquiries to HINDERS LTD. 174/192, Estcourt Road, London, S.W.6

Telephone: Fulham 6187 (6 lines)



Individually packed
in cartons

DISPLAY CARD OF 18

RETAIL **2/3** PRICE

Sole Distributors:

CRAIG & PARSONS LTD., 82, Stafford Road, Wallington, Surrey

Phone: Wallington 3694

The remarkable success of the "Craigway" Corn Plane is due to the new principle involved. The angle of the blade is the secret. This new and profitable line only needs showing to SELL!

15/4 per doz. plus
Purchase Tax

Usual discount to
Wholesalers

TA

ASTHMA and RYBARVIN

Now that inhalation therapy is an accepted and welcome method of treatment in asthma ever increasing numbers of medical men are relying on Rybarvin Inhalant to combat bronchospasm.

Rybarvin brings relief. Consistently, often spectacularly, attacks are cut short and their frequency lessened. Free from excess action, non-irritant and non habit-forming it is an ideal inhalant for all asthmatics young and old.

RYBAR INHALER has been specially designed for aerosol therapy and is also used extensively for **PENICILLIN** inhalation.

RYBAR INHALER - 18/6

(FACE MASK 5/6 EXTRA)

DUAL PURPOSE MODEL 27/6

RYBARVIN INHALANT ½-oz. 7/6d; 1-oz. 13/6d; 4-oz. 51/-
(Exempt from Purchase Tax)

Subject to 33½% trade discount and bonus terms.

RYBAR LABORATORIES LTD.
WINKERTON KENT



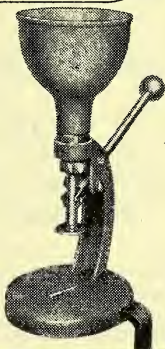
POISON EMULSIONS can be perfectly stable

WHEN
MADE
WITH



HAND, BELT OR
MOTOR DRIVEN

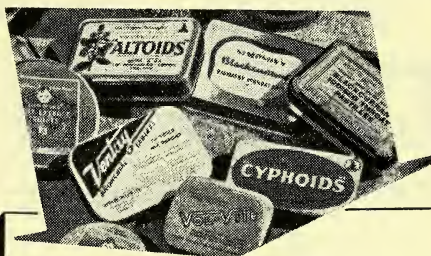
In the production of emulsions the all-important quality of stability is assured by the use of Q.P. Emulsifiers. First-class engineering - all working parts of stainless steel or special alloys. Write for details.



Power-driven models are available for dealing with large quantities.

EMEROD ENGINEERS LIMITED
WOLCLOUGH ROCHEDALE

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You can always count on **GOSHERON** for service with the friendly touch and the helping hand. Next time you need dependable **QUALITY** in sealing, mechanical tying and special-purpose **TAPES** may we have your enquiry?

JOHN GOSHERON & CO LTD.
GAYFORD ROAD LONDON W12
SHE 3326 (five lines)

PW 103/48

Tintex

THE WORLD'S
LARGEST-SELLING
HOME DYE

CHEMISTS AGENTS :—

Thos. Christy & Co., Ltd.
Farnham, Surrey

Applied before Work

ROZALEX

REG'D BRAND

Keeps Hands Clean & Healthy



Temporary
Pack

For use in the home

Supplied in Tins

Retailing at 2/1 including Purchase Tax

Rozalex Limited, 10 Norfolk St., Manchester, 2

PROMOL JUNIOR

MOTH RING
NOW CONTAIN DEADLY DDT
(Geigy)



Twice as efficient -
twice as saleable as
8 Rings for 4d.

Attractive red, white
and blue display
carton.

Enquiries
Invited

PROMEDICO PRODUCTS LTD., 21-22 Turle Road, London, N.

FOR DESTROYING RATS and MICE HALLER'S EXTRACT OF SQUILL

is always in demand as it is a standard
product, controlled by Bio-assay tests

For the destruction of
Beetles, Cockroaches, Crickets, etc.,
USE

"DANZO BEETLE POWDER"

"CADOG"

Parasiticide and Insecticide in liquid form
destroys all kinds of noxious insects :—

Bugs, Lice, Fleas, Moths, etc.

Address all enquiries for preparations for the
destruction of Domestic Pests to :—

HALLER LABORATORIES, LIMITED

325, BOROUGH HIGH STREET, LONDON, S.E.

ZEAL**Clinicals****The Choice
of Experts****BRITISH
MADE****NO HIGHER
IN PRICE THAN
NONDESCRIPT
MAKES**Also Household, Bath
and Works Thermometers,
the best of their kind**G. H. ZEAL LTD.**
LOMBARD RD., MORDEN RD.,
LONDON, S.W.19
Phone: Liberty 2283-4-5**"SURCO"****RELIABLE****ELASTIC HOSIERY****SEAMED AND SEAMLESS**For special garments to measure
we give the best possible service**SURGICAL BELTS
TRUSSES AND SUNDRIES****50 years' service of
everything Surgical****SURGICAL HOSIERY CO. LTD.****Russell Street - NOTTINGHAM**
Telephone No. 75903 Telegrams: Surgical Nottm.

When your dog is nobody's friend

ADVERTISING

He's probably ill, dry nose, weak, treat him with George Bell's Blood Salts.

setting up irritation under his skin. Treat him at once with George Bell's Blood Salts.

The Vitamin B; in George Bell's Blood Salts stimulates your dog's system, and increases his resistance to ailments. restores diet deficiency and makes up for his lack of natural freedom. He needs Vitamin B, daily. George Bell's Blood Salts Powder will give it to him. 10 Powders for 7d. from Chemists and Pet Stores.

GEORGE BELL'S FAMOUS DOG BLOOD SALT
to: Bell & Sons Ltd., 7 Silverdale Works, Liverpool 13

BELL'S Blood Salts

is forcing sales up

me, scratching, are ill. He needs your Blood Salts to-day. food and maintains healthy food effects. if freedom. Your dog's Blood 10 Powders for 7d. from Chemists and Pet Stores.

3 FAMOUS DOG BOOKS
- 2 Silverdale Works, Liverpool 13

Blood Salts

Advertisements for George Bell's Blood Salts for dogs are appearing frequently in the leading national dailies. This will mean more sales and profits for you. Stock and display this selling line. Samples and prices will be sent on request.

GEORGE BELL'S
Blood Salts
ORDER TODAY

Bell & Sons Ltd., 18 Silverdale Works, Liverpool 13

SCP 10

RECORD response from DOCTORS

*Thousands apply by return for
samples of*

C.P.10

*Kaolin poultice . . .
Already spread*

The medical profession has expressed an interest in the NEW and remarkably CONVENIENT kaolin poultice—C.P.10. A large five-figure mailing list was used to introduce the merits of C.P.10 which brought an immediate response from over 30% . . . with further applications for samples coming in by every post.

*Are you ready to fill
Prescription Orders?*

The appeal of a poultice ALREADY SPREAD is undeniably strong and must command wide distribution. We should be glad to have your enquiry and will do our utmost to help you meet the demand. C.P.10 is made in 3 sizes.

TERMS

SIZE	TRADE (per doz.)	PURCHASE TAX	RETAIL (per carton)
2" x 2" (3 pieces)	6/-	2/-	11d.
4" x 3" (3 pieces)	12/-	4/-	1/10d.
8" x 6" (1 piece)	15/-	5/-	2/3½d.

Carnegie Bros. Ltd.

ESSEX ROAD, LONDON, N.1.

Telephone: CLISSOLD 4761 (4 lines)

SLIP_{co}FOAM



Not a 9-day wonder, but a 365 certainty. Nation advertised on teters, in buses, in the daily weekly Press. Slipcofoam is real soap substitute that you can recommend for washing jobs—the softest woollies hardest water.

SLIP PRODUCT
CO., LTD.
LONDON, S.W.2

(D/72/1)



Manufactured only by

J. F. WHITE & CO., LTD.

Lovington Laboratory, Benson Street, Leeds

2nd DYANESE 3rd FADELESS DYES

STOCKING (except Black), 16/- gross

CURTAIN & COLD WATER, 24/- gross

(including Black Stocking)

Please order from our Sole Agents

Gr Britain—W. B. Cartwright, Ltd., Rawdon, Leeds

N. Ireland—T. McMullan & Co. Ltd., 42, Victoria Street, Belfast

Eire—May Roberts (Ireland) Ltd., Grand Canal Quay, Dublin, C.

“ZEMS”

HERBAL LICORICE TABLETS



**THE BEST MEDICATED TABLETS
FOR COUGHS, COLDS,
ASTHMA, BRONCHITIS, ETC.**



Supplies may be obtained from C.F. Wholesale Houses

ZEMS LTD.

718-724 Seven Sisters Road, London, N.15

*As an Antacid
or in febrile conditions*

Invalid

Lembar

justifies the doctor's highest recommendation

Available in limited quantities

Soluble extract of
Barley ... 7.4%
Sugar ... 23.7%
Glucose ... 10.4%
Lemon Juice 37.0%

Plus Flavouring
and permitted
preservative

The above
percentages are expressed
in weight per given volume

MADE BY RAYNER AND COMPANY LIMITED, LONDON, N.

3 OUTSTANDING LINES — produced by the makers of STANESE GOLDEN PAIN RELIEVING TABLETS

'STANVOX' T.C. PASTILLES

for Throat and Chest in 1/1½
tins and 5 lb. tins in bulk.

'STANVOX' THROAT MINT GUMS

another good line in 1/- tins
and 5 lb. tins in bulk.

'STANVOX' LIQUORICE and MENTHOL PELLETS

in 3½d. tins, packed in 1
gross boxes.

Send **NOW** for terms and trial supply

STANESE, LTD.

86 Bridge Street, Peterborough

Phone: Peterborough 3302

IBCOL gives you BIGGEST advertising coverage!

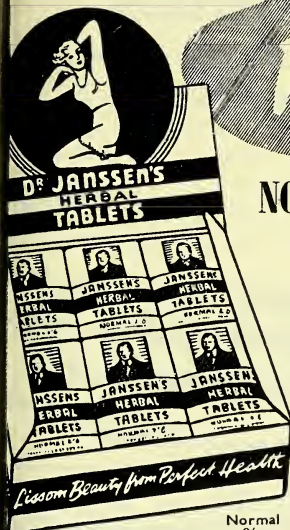
★ The STATISTICAL REVIEW shows that during the period of the last nine months — from August 1947 to April 1948 — IBCOL was the biggest advertiser in the field of disinfectants and germicides. IBCOL backs up your own window and counter displays with National and Local press advertising, posters on Hoardings and Buses, display cards on Tubes, etc.

*That's why it pays
display IBCO products
They sell on sight!*

IBBETSON · STEVENAGE · HERTS



200,000
Ready-made
Customers



NOW TO BE DIRECTED TO CHEMISTS

For the past 12 years Dr. Janssen's Herbal Tablets have enjoyed direct sales to the public now numbering over 200,000. The demand to-day is such that sales through the usual Retail channels of distribution have become essential and this vast, ready-made market is now available to Retail Chemists all over the country.

A big and sustained advertising campaign in the National, Sunday and Provincial Press will announce the change-over, divert sales to the Retail and foster demand.

FORMULA	Normal %
Ext. Cascara Sag. Sicc. B.P.	25.625
Ext. Aloes B.P.C.	7.530
Ext. Le tandra B.P.C.	2.083
Ext. Gentian B.P.	3.750
Ext. Taraxaci B.P.C.	7.500
Cerevis. Ferment. SICC.	38.541
Mrryh. B.P.	2.083
Lecithin (Ground Nut)	3.750
Oleoresin Zingib	0.958
Base to	100.00

THERE ARE TWO SPECIAL PROFIT INTRODUCTORY BONUS OFFERS

BONUS PARCEL A

BONUS PARCEL B

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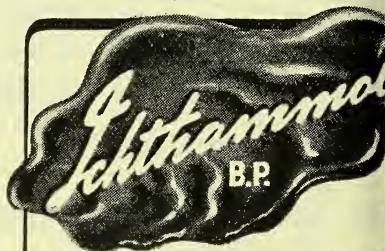
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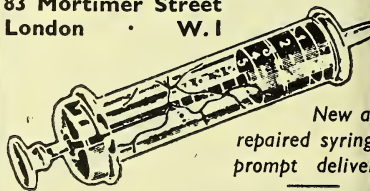
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OCTOBER 30
1948

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K. Chemist. Without opposition. Turnover £100 p.a. D.f.; dispensary. Living accommodation, garden, garage. Freehold, goodwill, fittings, £800, stock £1,500. National Business Agency, 8 Museum St., Ipswich. Tel. 4409.

ERN VILLAGE Drug Stores, nr. Leominster (Shropshire). Takings, 1945, £1,500; 1946, £1,800; 1947, £2,700, and increasing. Good reasons for sale. Suitable for pharmacist. Nearest opposition 9 miles. Accommodation: 2 bedrooms, lounge, en-suite, large attic, bathroom. All electric. Water supply. Rent, £65 p.a., lease with option. Price (including shopping brake, 1942 Hill 10, used for deliveries), £3,500. Box 4/966.

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ELEPHANT & CASTLE, S.E.1. Assistants required for compact, modern-fitted pharmacy. Male female, qualified and unqualified. No Sunday half-day duties. Apply, detailing experience, wages, etc., Sammes (Chemists), Ltd., 84 Lor Rd., S.E.1.

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OPTICIAN (or pharmacist-optician) very urgently required for old-established busy optical practice in North country market town. On C.P.C. and preferably F.S.M.C. or F.B.O.A. Permanent position. State soonest date available, experience and salary required. Gibson & Son, Chemists, Opticians, Hexham, Northumberland.

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Situations Open—Continued

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WANTED. Pharmacist-optician as departmental manager and buyer. Annual sales approximately £1,000. N.U.C.O. scale of wages. Superannuation scheme with transfer clause in operation. Free-bedroom house available in residential district. Modern shop. Apply by letter, giving full details, including age and present position, to General Manager, Sowerby Bridge Industrial Society, Ltd., 60 West St., Sowerby Bridge.

HAVE THREE important positions vacant in the North-West London and Hounslow areas for chemist-opticians on the C.P.C. List. The salaries to be paid would be between £650 and £800 per annum with considerable prospects of increasing this figure. Security of tenure would be guaranteed. Applications in first instance to Managing Director, when an appointment will be arranged to discuss matters mutually advantageous to both parties. Box 4/969.

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INTERESTING and progressive position in Northern Ireland is vacant on representative staff of manufacturing chemists of high repute. The man appointed will have had a thorough experience of retail pharmacy, preferably in Northern Ireland, and will be required to call upon doctors and dentists in addition to chemists. Remuneration by salary and expenses. Write fully, giving full particulars of experience, age, and whether a car owner. Box 4/959.

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A MANUFACTURING FIRM require several representatives on commission only or salary, expenses and commission, to extend the sale of their products to retail and wholesale chemists and allied trades in various parts of the country. Existing accounts handed over. The positions are worth from £600 to £1,000 per annum. Full particulars to Box 4/871.

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ASSISTANT with some pharmaceutical experience required for pill department of manufacturing chemists in London area. Apply with full particulars and salary required. Box 4/953.

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FOR NATIONALLY advertised revolutionary proprietary product, London representative required to call on retail chemists. Basic salary, commission and expenses. Box GA 624, 4-7 Salisbury Ct., Fleet St., E.C.4.

LADY PHARMACIST (recently qualified C. & D.) required by old-established firm of manufacturing chemists on the South Coast. Duties will consist mainly of routine assay and analytical control work. Previous experience not essential. Commencing salary in the region of £350-£400 p.a. Reply, giving full particulars, to Box 4/893.

Situations Open—Continued

LEADING FIRM of chemical manufacturers have vacancy for a young B.Pharm., or Ph.C., for writing medical literature and dealing with correspondence. Training in this work will be given to a pharmacist who has a flair for writing English. The position will afford a newly-qualified pharmacist good experience and every possibility of advancement. Reply to Box 5/1.

LONDON AND MIDDLESEX. This very important and remunerative territory, with hundreds of existing accounts, is offered by progressive manufacturing chemists a really first-class salesman. Interviews arranged only with applicants having a long, unbroken connection with all chemists, stores and Co-ops. Car an advantage. Applications also invited for: (1) Surrey, Sussex, Kent; (2) Warwick, Derby, Notts and Leicester. Permanent, congenial and progressive positions. Applications not including fullest information cannot be considered. Box 4/998.

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ASSISTANT TO MANAGING DIRECTOR

A well-known firm of Manufacturing Chemists in London with a large Home and Export trade require a man with Pharmaceutical qualifications and with wide experience in Sales Promotion, Publicity, Staff Management, etc. The post is an important one, offering a permanent career with excellent prospects, and carries a salary of £1,500 p.a. or more according to experience. Please give particulars of age, qualifications and experience, in confidence, to Box 4/884.

MANUFACTURING CHEMISTS established 60 years, extending sales, require representatives for several areas for sale of toilet and perfumery lines. Good connection with stores, retail and wholesale chemists, hairdressers, essential. Car owner preferred. Commission only or salary, commission and expenses. Fullest particulars to Box 4/985.

MANUFACTURING CHEMISTS in North-West area require a qualified laboratory assistant, principally for analytical work. Full details to Box 4/908.

OLD-ESTABLISHED London drug house requires representative for London area, mainly South of the Thames. Must have live personal connection. Salary, expenses and commission. Apply, giving in fullest detail, experience and qualifications, to Box 4/917.

PHARMACIST for control of manufacture of ethicals and galenicals required by a firm of manufacturing chemists near Manchester. This position offers scope for a man with ability and energy. Apply, giving full particulars of experience and age, in confidence, to Box 4/931.

PHARMACIST required, age 25-35, for well-known pharmaceutical house as assistant to the general laboratory manager. The position is of an interesting and progressive nature, and suitable for a lively and energetic young man. Please reply, stating experience and salary desired, to Box 4/990.

PHARMACEUTICAL and surgical dressings manufacturers have a vacancy for a Scotsman as representative in Northern Ireland and Eire. Applicants not over 35 years should give particulars of experience, including education; also salary required. Box 4/957.

QUALIFIED PHARMACIST with some knowledge merchandising required for the development of proprietary ethical pharmaceutical preparations for home and export. Applicant should have a knowledge of the manufacturing processes involved. Write, stating age, qualifications, past experience and salary required. Box 4/934.

REPRESENTATIVE required by old-established London house for Midland territory. Applicants should have live connection with retail chemists and preferably some previous retail experience, not necessarily qualified. Please state age, experience and remuneration required. Box 4/950.

REPRESENTATIVE. A good opening occurs for full-time representative to call upon retail and wholesale chemists. Permanent position and good prospects with a well-known London firm of manufacturing chemists. Remuneration by salary or commission plus expenses. Applicants should have first-class connections and reside on the following territory: South London and South-East England. Car owner preferred. Full details, stating age, experience, etc., to Box 4/992.

REPRESENTATIVE required by old-established manufacturing house and applications are invited from men with sales experience in drugs, chemicals and packed pharmaceuticals. The vacancy occurs in West of London area and existing sound connection will be transferred. Box 4/949.

REPRESENTATIVES required for live wholesale house, carrying usual chemist lines. Good connection with chemists essential. London and Home Counties only. Worthwhile remuneration for gentlemen. Apply Martin Brent, Ltd., Beresford Avenue, Stonebridge Park, Wembley. Phone Wembley 21.

REPRESENTATIVES required on excellent commission terms for new and most attractive preparation for grey hair. Selling through chemists only. Apply with details of territory to Heritage Manufacturing Co., Ltd., 66 South John St., Liverpool, 1.

REPRESENTATIVES for London area required for new fast-selling cosmetic. Offers big money to those with proved connection with department stores, wholesale and retail chemists and hairdressers. Good salary, commission and expenses. Advertising for the line being undertaken. Box 4/921.

SALES MANAGER required, with pharmaceutical qualifications, to assist the Managing Director of a progressive firm of manufacturing chemists in London. A man of executive ability is sought with a wide knowledge of the trade, including sales development, the control of representatives etc. The post is an important one, carrying four figure income, and offers a permanent career with unique prospects to a man capable of undertaking increasing responsibilities. Please reply, giving age and details of experience, which will be treated in strict confidence, to Box 4/853.

SENIOR ASSISTANT to pharmacist in charge of dangerous drugs, poisons, tablets, pills, etc., wanted by well-known Manchester wholesale house. Position offers scope and prospects for right man with experience, initiative and energy. Write, stating full details and salary required, to Chemist, Box 4/938.

SPECIALITY PIONEER for advertised cosmetic meeting today's market conditions, required in London and Provincial areas, with proved connection with departmental stores, wholesale and retail chemists and hairdressers. Attractive salary, commission and expenses. Box 4/920.

SUGAR COATER. An opportunity occurs for first-class coater with experience in all types of plain and coloured work, to take charge of department in old-established London house. Write giving details of age, experience and salary required. Box 4/952.

Situations Open—Continued

TABLET COATER. Wanted, a first-class coater capable of handling all grades of work, London area. Apply giving full details of age, experience, salary required. Box 4/958.

TABLET SUGAR COATER required with experience of white and colour work. Apply Employment Department, British Drug Houses, Ltd., Graham St., City Rd., London, N.1.

THE BRITISH DRUG HOUSES have vacancies on their scientific staff for qualified chemists in their production department to act as shift chemists. Please apply in writing stating qualifications and experience to Staff Manager, British Drug Houses, Ltd., Graham St., City Rd., N.1.

WHO CAPABLE, experienced, unqualified assistants required, one for putting up orders and one to act as stock-keeper, in pharmaceutical department of J. R. Gibbs, Ltd., Wholesale Chemists, Manor venue, Paignton, Devon. Please apply in writing, giving details of experience and salary required.

UNQUALIFIED ASSISTANT required for pharmaceutical speciality manufacturing, by London manufacturing chemists. Apply, giving full particulars of experience, to Box 4/924.

UNQUALIFIED CHEMIST, age 25-30 required for poule department of well-known firm in N.W. London. Reply, giving full particulars of experience, salary required, etc. Apply to Works Manager, c/o Box No. 3310, T. G. Scott & Son, Ltd., Albot House, 9 Arundel St., Strand, W.C.2.

UNQUALIFIED LADY required for testing and works laboratory of chemical manufacturers North London. Applications with full particulars, training, experience, if any, age and salary required, to Box 4/532.

OUNG, energetic pharmacist required for representative work with a leading pharmaceutical house in London. Salary, commission and expenses. Write with full particulars of general and pharmaceutical education, to Box 4/991.

WHOLESALE (OVERSEAS)

PERIAL CHEMICAL INDUSTRIES, LTD., have a vacancy for a pharmacist for sales office work in India. Applicants must be pharmaceutically qualified and aged about 32. Applications with full particulars should be addressed to Imperial Chemical (Pharmaceuticals), Ltd., Staff and Establishment Section, Fulshaw Hall, Wilmslow, Manchester.

UTHERN RHODESIA. Unqualified chemist with wholesale drug trade experience; single man required. Proposed salary £40-45 per month. Apply with full details of experience, etc., to Orridge & Co., Employment Agency, 184 Strand, W.C.2.

OUTH AFRICA. Messrs. Savory & Moore's representatives in South Africa are about to appoint young pharmacist, single, aged about 28, to call on doctors and hospitals in South Africa for dental specialities. The person appointed will be in the staff of the South African company, but will be engaged in the main in propaganda for products of Savory & Moore, Ltd., and Knoell, Ltd., in addition to such other specialities as the South African company may select. Enquiries, giving full particulars and if possible enclosing photograph should be sent to R. Vernon, Savory & Moore, Ltd., 60 Welbeck St., London, W.1.

SITUATIONS WANTED

words 3/- (minimum) then 1d. per word. Box 1/-

RETAIL (HOME)

DISPENSER OR LOCUM. First-class apprentice and experience. Quick, accurate worker. e branch manager abroad. Unregistered, Austin, 11 Lodge, Filmer Rd., Crowborough.

PHARMACIST (42) desires change. 20 years' experience as manager, accustomed to buying for large business, heavy dispensing, full control. Permanent employment in similar capacity required, Coventry or Rugby areas. Box 4/942.

YOUNG LADY experienced practical dispensing, counter work, seeks congenial situation Central London area. Free now. Box 4/955.

LOCUMS SEEKING ENGAGEMENTS

EXPERIENCED LOCUM available from November 8th; long or short periods. All replies acknowledged. Please state hours of duty. W. Hilton, 96 Kenpas Highway, Coventry.

WHOLESALE

ACTIVE REPRESENTATIVE, 18 years' experience, desires change. At present working with well-known toilet manufacturer. Excellent connections stores, Co-ops., chemists, etc. South and South-East England. Salary, commission and expenses only. Box 4/993.

GENERAL MANAGER, firm of manufacturing chemists, desires change London or Middlesex areas; ethical firm. University graduate, pharmacist, excellent business and executive qualifications. Good and proven organising ability, unbounded enthusiasm and energy, provided congenial atmosphere prevails in which circumstances salary is of secondary importance. Advertiser has sound and considerable hospital connections and contacts with people who matter. Please communicate with Box 4/867.

GENTLEMAN, 23 years' comprehensive experience of the drug and grocery trade, round knowledge of all angles, retail, wholesale and manufacturing, used to factory and sales control, seeks good situation with progressive firm. Box 4/974.

CONSCIENTIOUS REPRESENTATIVE. Fine appearance, with many years' selling experience and nice connection Co-ops., chemists and wholesalers in North-Eastern Counties, desires post with reputable house. Box 4/997.

PHARMACIST (54) with a life time's experience in wholesale and retail is unexpectedly available owing to circumstances outside his control. Prepared to reside in whatever area his extensive experience and personality can be best utilised to mutual advantage. Car owner with clean licence. Available for interview. Box 4/994.

PHARMACIST seeks executive position in pharmaceutical or cosmetic factory where wide experience can be utilised. Experienced manufacturing and laboratory control, buying, works management, machinery and formulation. Preference for smaller to medium size factory in established business. London or Home Counties. Box 4/980.

PHARMACEUTICAL CHEMIST, 39, holding executive position manufacturing chemists, desires responsible post with prospects. Keen, good organiser, wide experience. Box 4/977.

SALES MANAGER, perfumery, cosmetics, toilet preparations, age 38, seeks change. Desires progressive position, 20 years' experience in trade. Thorough knowledge of export trade. Very good connections. Willing to travel anywhere to investigate conditions and promote sales in export markets. Write Box 4/984.

SALES—PUBLICITY. Young executive, 33 years, 17 years' experience in pharmaceutical trade, including retail, hospital and sales promotion, considering change, requires position with old-established firm of repute at home or overseas, preferably on sales or publicity side of company. Ability, integrity, loyalty and drive offered, backed by highest personal references. Company who are reorganising or modernising presentation of products may be suitable if they are requiring an enthusiastic man with ideas. Write to BM/HTOK, London, W.C.1, giving broad outline of position offered in first instance.

Situations Wanted—Continued

SALES MANAGER present handling turnover £1,750,000 general merchandise, seeks change. Pharmacist, 51, earning £1,450. Experienced advertising, staff management, administration. Box 4/983.

"AM I TOO OLD AT 43." First-class representative desires to contact house of repute in the allied trades for full-time representation anywhere in England. 23 years' active representation, 10 in Eastern Counties. Outstanding sales personality. Highest references. Live, enthusiastic and conscientious man, willing to give his best to an appreciative employer. Fit and energetic. Time and place no object. Free to interview anywhere in country. Full particulars available on request to Box 4/936.

APPOINTMENTS

2/6 per line (12 lines = 1"). Box 2/-

BARROW AND FURNESS HOSPITAL MANAGEMENT COMMITTEE

Applications are invited for the non-resident post of ASSISTANT PHARMACIST at the North Lonsdale Hospital, Barrow-in-Furness, at the scale salary of £370-£450 per annum. Previous experience may determine commencing salary. Appointment subject to the National Health Service (Superannuation) Regulations and to passing medical examination. Applications, stating age, qualifications and experience, and accompanied by copies of two recent testimonials to be forwarded to the Secretary to the Committee, 52 Paradise St., Barrow-in-Furness, not later than 9th November, 1948.

CROWN AGENTS FOR THE COLONIES

Applications from qualified candidates are invited for the following post:—**STOREKEEPER AND INSPECTING PHARMACIST** required by Government of Sierra Leone for Medical Department for initial tour of 18 to 24 months with prospect of permanency. Salary and expatriation pay in scale £600 rising to £970 a year. Commencing salary according to qualifications and experience. Outfit allowance £60. Free passages. Candidates, not over 40, must be members of the Pharmaceutical Society and have had experience in medical storekeeping and stores administration. Apply at once by letter, stating age, whether married of single, and full particulars of qualifications and experience, and mentioning this paper to the Crown Agents for the Colonies, 4 Millbank, London, S.W.1, quoting M/N/21999/3F on both letter and envelope.

THE UNITED LEEDS HOSPITALS THE GENERAL INFIRMARY AT LEEDS

Applications are invited for the appointment of ASSISTANT PHARMACIST (two required). Salary commencing at £350 p.a., plus meals, which will be provided when on duty, but subject to adjustment in the light of scales to be made known by the Minister of Health. National Health Superannuation scheme in force. Night and week-end duty will be worked in rotation. Previous hospital experience not essential. Applicants must reply in own handwriting, stating sex, age, and experience, and also enclose copies of not more than three recent testimonials, to the Secretary to the Board, not later than 18th November, 1948.

MANSFIELD HOSPITAL MANAGEMENT COMMITTEE

Applications are invited for the post of Non Resident ASSISTANT PHARMACIST to duties at the Mansfield and District General Hospital (246 beds), and other Hospitals and Units in the Group as required.

Salary Scale £370 per annum with annual increments of £15 to a maximum of £450 per annum.

Commencing salary within the Scale according to experience. Newly qualified pharmacists will be considered.

The post is subject to the National Health Service (Superannuation) Regulations, 1947.

Applications, stating age, details of experience, together with two recent testimonials, to be forwarded to the undersigned as soon as possible.

A. ASHWORTH.

Secretary,

Mansfield Hospital Management Committee
Oak Bank,

Crow Hill Drive,
Mansfield, Notts.

NETHERNE HOSPITAL

Applications are invited for the appointment of an Assistant Pharmacist at the Netherne Hospital, Coulsdon, Surrey. Commencing salary will be within the J.N.C. scale according to qualifications and experience and the appointment will be subject to the National Health Service (Superannuation) Regulations, 1947. Duties will be interesting and there is first-class modern cafeteria for members of the staff and numerous social activities. Newly qualified applicants will be welcomed. Applications, giving full details of qualifications and experience, together with two testimonials of the names and addresses of two persons to whom reference may be made should be sent to the Medical Superintendent, Netherne Hospital, Coulsdon.

THE QUEEN ELIZABETH HOSPITAL FOR CHILDREN MANAGEMENT COMMITTEE

HACKNEY ROAD, LONDON, E.2

Applications are invited for the post of CHIEF PHARMACIST. Membership of the Pharmaceutical Society and considerable Hospital experience essential. The Officer appointed will be employed mainly at Hackney Road, but will also supervise the Pharmaceutical work at the Shadwell and Banstead branches of the Group. Salary will be based on J.N.C. scale £600 x £20—£700, and will be subject to Superannuation deductions. Lunch and travel will be provided, for which a deduction of £20 per annum will be made. Application stating age and enclosing copy of testimonials should be sent to the Secretary at Hackney Road, within 14 days of the appearance of the advertisement.

EXETER AND MID-DEVON HOSPITAL MANAGEMENT COMMITTEE

ROYAL DEVON AND EXETER HOSPITAL EXETER, require two assistant Pharmacists (male or female). Salary according to J.N.C. (Hospital Staffs) Scale. Hospital experience preferred but not essential. The posts are subject to the National Health Service (Superannuation) Regulations. Applications, with full particulars, and copies of not more than three testimonials, as soon as possible to the Secretary.

AGENCIES

words 17/6 (minimum) then 4d. per word. Box 2/-

AGENTS calling upon chemists, hairdressers, ironmongers, etc., required to sell unique product having no competition. Liberal commission offered. Immediate delivery, well packed, easily demonstrated, repeats bound to follow. State territory required, to Box 4/975.

COMMISSION AGENTS required by well-known perfume and toilet preparations manufacturers for established lines: Territories: (a) Yorkshire, Northumberland, Durham; (b) Warwickshire, Leicestershire, Midlands; (c) Eastern Counties; (d) South East; (e) Northern Ireland. Agents with good high-class connections should send full particulars to Box 4/979.

SOLE DISTRIBUTION required for new revolutionary product with universal appeal to women. Only interesting to organisations with large resources. Box 4/943.

AGENCIES WANTED

words 8/6 (minimum) then 3d. per word. Box 2/-

ENTLEMAN with sound connection, 20 years, strong wholesale and retail chemists, Notts, Leicestershire, Derby and Lincs, desires additional agency. Only first-class firms considered. Box 4/995.

SOUTHERN COUNTIES. Established representative calling upon wholesale and retail chemists, stores, etc., requires additional quality line. Would consider buying agency. Own car. Conscientious average guaranteed. Box 4/973.

BUSINESS OPPORTUNITIES

words 17/6 (minimum) then 4d. per word. Box 2/-

MANUFACTURING CHEMISTS have facilities and space available for the manufacture and/or packing of domestic, industrial or toilet products. Bottles, powder and tube filling. Frank Macowal, Ltd., Loughborough St., S.E.11. Reliance 3435.

PHARMACEUTICAL FORMULAS

Vol. I

The 11th Edition (1945) is now available. It contains a wide range of formulas of essentially or predominantly pharmaceutical character, including the relevant contents of the B.P. and its six Addenda, the B.P.C. and five Codex Supplements, the U.S.P. XI and XII (with supplement), the French Codex of 1937, National Formulaires VI and VII, The National War Formulary, The National Formulary for N.H.I. purposes, The Formulary for Use in Military Hospitals, and a section briefly summarising present methods of sterilisation. This considerable group is therefore brought into an ordered relationship, and the book thus provides essential information for every pharmacist.

The Edition is limited. Make sure of your copy, post free, by sending remittance value 21/9 forthwith to

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FRENCH PERFUMERY. House of highest class, established in the U.K. for over 30 years, wishes to contact English manufacturers of similar articles with a view to manufacture in England; take over and extend sales. Sales organisation and export to British Colonies. Box 4/967.

OPHTHALMIC OPTICIAN desires to meet pharmacist with available room for use for sight testing and dispensing. Consideration: rent or profit sharing basis. W. or E. London preferred. Box 4/968.

FOR SALE

36 words 8/6 (minimum) then 3d. per word. Box 2/-

BOTTLE CAPS. Surplus stock of 40 m.m. black enamelled screw caps for sale at specially low price. Samples willingly sent on request. Box 4/956.

LIPSTICK MOULD for sale (36). Perfect condition. Best offer accepted. Box 4/946.

FORMER HOMOGENISER, complete with 230v. a.c. motor and pushbutton switch for sale. Perfect condition. Best offer accepted. Box 4/947.

SHOP FITTINGS, mahogany, p.g. shelves, weighing machine, N. cash register (new). Box 4/941.

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36 words 8/6 (minimum) then 3d. per word. Box 2/-

MACHINES WANTED for counting 100 saccharin tablets. Automatic. Must be in good condition. Quote price. K. Ray Laboratories, Ltd., Corby, Lincs.

REQUIRED URGENTLY. Supplies of good-class nail varnish brushes. Box 4/987.

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TRIPLE PRESSED STEARIC ACID required in small or large quantities. Particulars and prices to Box 4/970.

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ETHYLENE GLYCOL. 300 gallons for immediate delivery. Box 4/965.

FOR SALE. 6 cwt. Haemoglobin powder. Bargain price 2/- per lb. Perfect condition. Not now required line discontinued. 4/906.

FOR SALE. 1, 2 dr. perfume bottles; 1, 2, 4 oz. toilet bottles; 2, 4 oz. fr. cylinder bottles; 1, 2 oz. white flint squat jars; 2 oz. toilet black jars. Surplus stock below manufacturing prices. Prompt delivery. 5 gross upwards. Ada & Co., Ltd., 140 Goldhurst Terr., N.W.6. Tel. Mai 3463.

JUST THE THING for the Xmas trade. Regent wire hairbrushes. Retail 5s. 6d. one dozen upwards. Carriage paid £2 8s. 0d. per dozen. Showcard supplied. Also available to wholesalers. Send your order now. Williams, 83 London Rd., Glasgow.

LIPSTICK HOLDERS. Lovely enamelled, assorted colours, screw-up type. About 6-7 gross either in one lot or by the dozen. Send 1/- for sample. Beall, 2 Prebend St., Leicester.

MANUFACTURING CHEMISTS have the following approximate quantities of surplus stocks for disposal: Sulphur Precip., 6 cwt.; Flowers of Sulphur, 4 cwt.; Mag. Carb. Levis, 5 cwt.; Precip. Calcium Carbonate, 1 cwt.; Calcium Lactophosphate, $\frac{3}{4}$ cwt.; Phenolphthalein, $\frac{3}{4}$ cwt.; ordinary and composite corks, 8,000 gross. Write Box 4/954.

BATH SALT CONTAINERS

for Chemists to pack their own for Xmas Trade. Send 6d. for sample.

BEALL
2 Prebend Street
Leicester.

REDUCED PRICE to clear surplus, 6 ex. Panchromatic films to fit 120/620. Every film guaranteed perfect. 18s. doz., plus carriage. Gross lots carriage paid. C.O.D. post. Box 4/922.

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SACCHARIN TABLETS, Standard (550-00.2 gr packets of 100: £4 1s. per gross; 5 gross, 79s. per gross; 10 gross, special quotations. Also tease oil, edible, odourless; excellent fish fryer, 42s. 6 per gallon. All goods carriage paid. C.W.O. Write Box 4/964.

SEVERAL THOUSAND gross tablet bottles, No. with screw caps, packed in wooden export boxes at very low price. Others invited. Write Box 4/981.

100 LB. Chinese refined camphor powder, B. Best offer. Write Box 4/986.

SULPHATHIAZOLE tablets (Lilly, Ciba, Squibb) 35/- per 1,000. Compound vitamin tablets, A, C, D chocolate coated, 30/- per 1,000. Aspirin tablets 5 grain, 2/- per 1,000 in lots of not less than 25,000. Adhesive tape, Z.n.o. 5 yards x spools, 10/- per doz. Absorbent gauze, 1 yard (packed 2 half yards) 24/- per gross. Absorbent cotton wool, 1 oz., 24/- per gross. Gauze and wool are not B.P.C. They are U.S.A. Samples request. Box 4/997.

TABLET MACHINE. Single punch Wilkinson with C.I. pedestal, complete. Good working condition. On view Cheltenham any time. £30. F.O. H. O. Lloyd (Cheltenham), Ltd., 10 Suffolk Parade, Cheltenham, Glos.

WASHING POWDER. Several tons high grade plus material, special for woollens, silk, etc. Packed in 1 cwt. bags at low price. Write Box 4/988.

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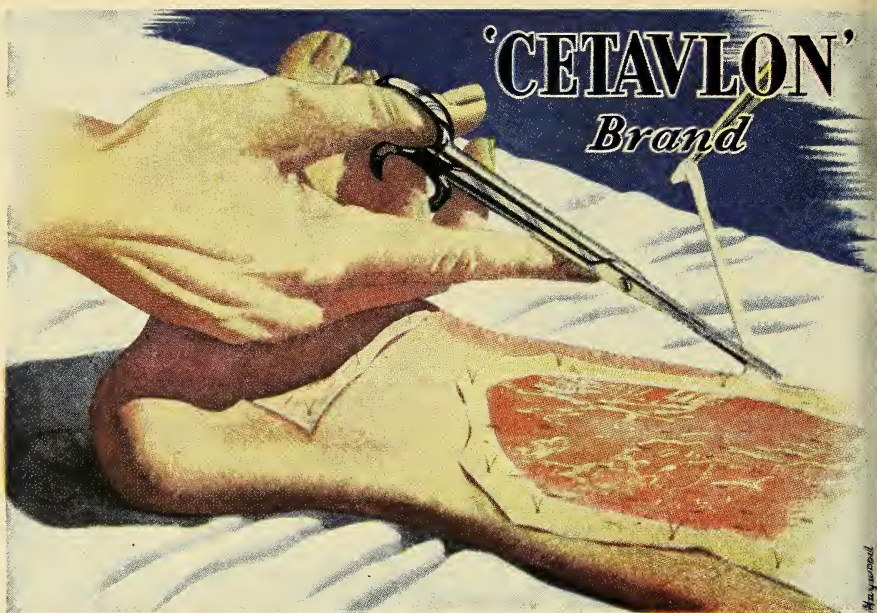
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The
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OCTOBER 30, 1948



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